



Fudan University Report on Sustainable Development Goals

November 2021



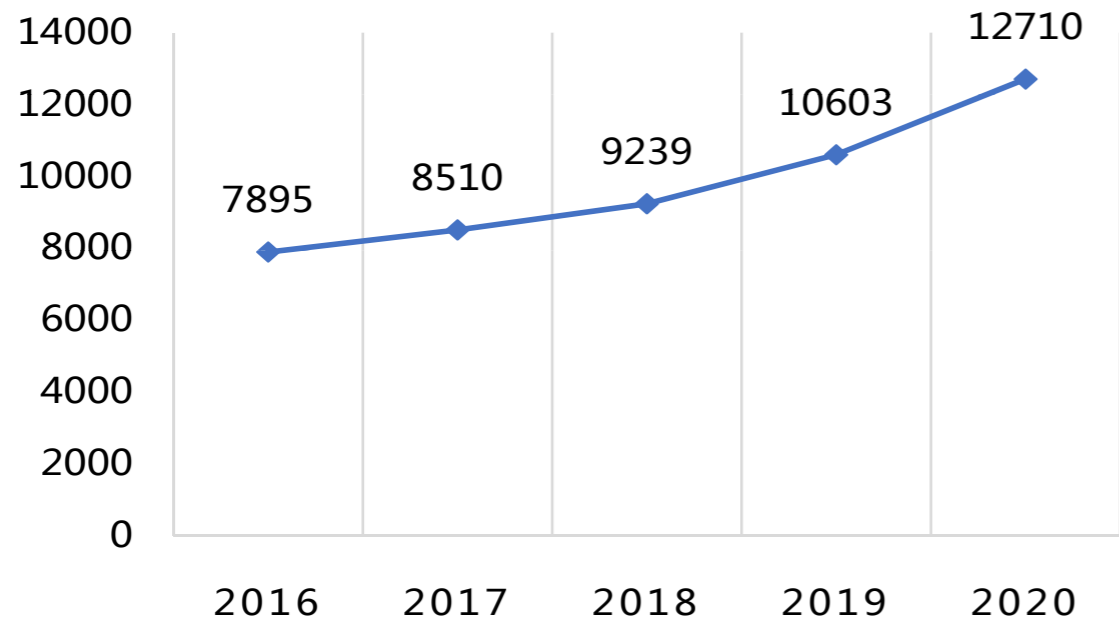
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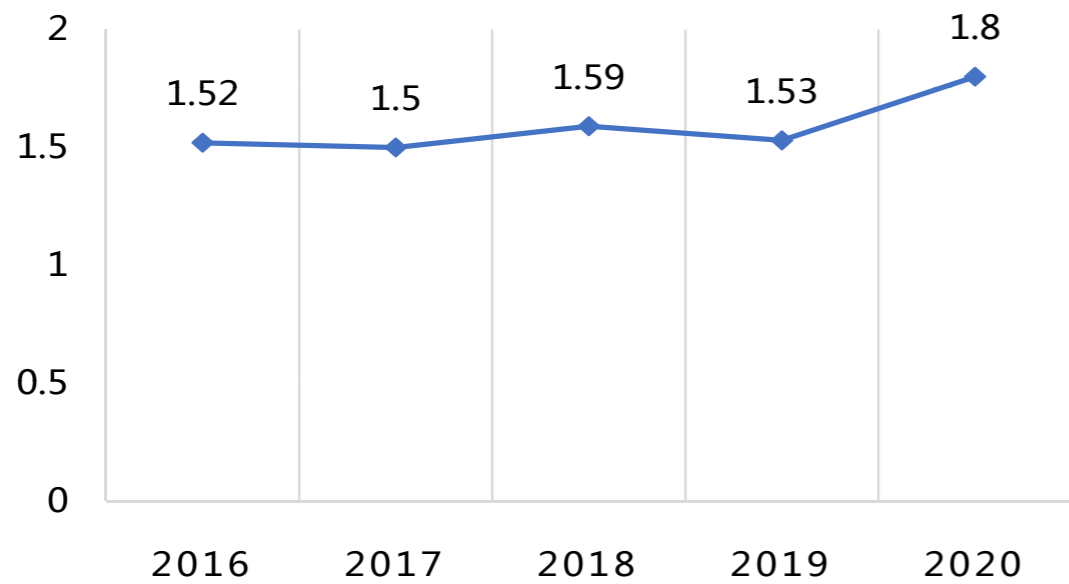


Data Overview of Fudan SDG Action

Research Data Overview of Fudan SDG Action

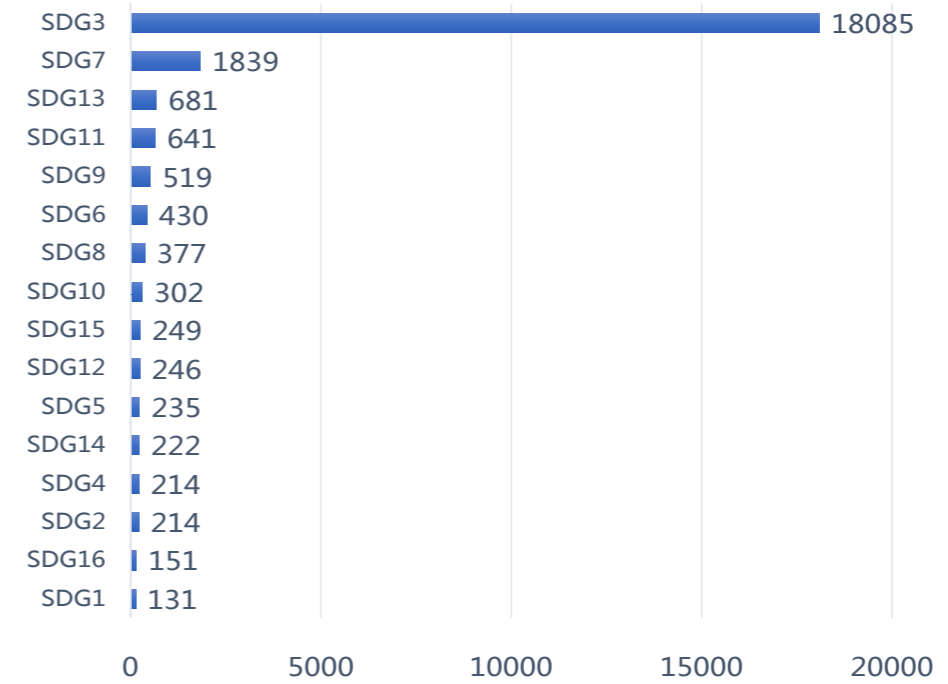


1-1 Trends in Publication of Fudan SDG (2016-2020)



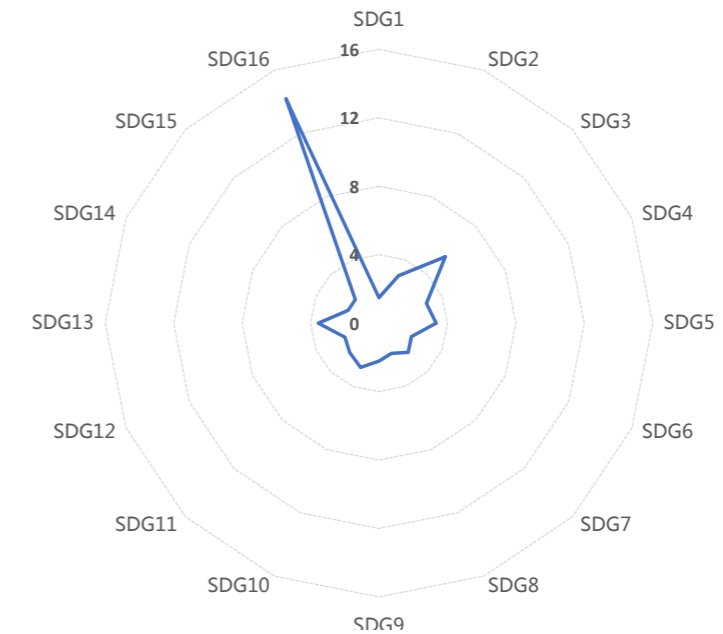
1-2 Trends in FWCI of Fudan SDG (2016-2020)

From 2016 to 2020, Fudan has published more than 480,000 papers related to SDGs. The SDG with the most publications was SDG3, Good Health with 18000 related articles. This was followed by SDG7, Clean Energy (1839) and SDG13, Climate Action (681).



1-3 The Number of papers of Each SDG (2016-2020)

Articles that have the most impact, in terms of Field Weighted Citation Index, were from SDG16, Clean Energy, this was followed by SDG3, Good Health.



1-4 The FWCI of Papers of Each SDG (2016-2020)

Practice Data Overview of Fudan SDG Action (2020)



Talent Training

| | | |
|-----------|--|---------|
| 01 | Courses related to SDGs | |
| | Number of undergraduate courses | 656 |
| 02 | Degree programs related to SDGs | |
| | Number of graduate degree programs | 81 |
| 03 | Campus activities related to SDGs for school students | |
| | Number of campus events (lectures, exchanges) | 634 |
| 04 | Equity in education | |
| | Consolation for students with financial difficulties | 33884 |
| | Grants for students with financial difficulties (RMB) | 3143.92 |
| | Number of students under difficulty receiving financial aid | 4381 |
| 05 | Equality of the sexes | |
| | Percentage of female undergraduates | 48 |
| | Percentage of female graduates (master's degree) | 52 |
| | Percentage of female graduates (doctoral degree) | 48 |



Scientific Research

| | | |
|-----------|--|-------|
| 01 | SDGs-related research outputs and translation of research results | |
| | Total number of papers issued | 12710 |
| | Issued Paper FWCI | 1.8 |
| | Percentage of international cooperation issuances (%) | 29.5 |
| | Number of subject projects | 7601 |
| | Number of publications in Chinese and foreign languages | 338 |
| | Number of patents | 657 |
| | Number of scientific and technological achievements transformed | 23 |
| 02 | Research institutions relevant to the SDGs | |
| | Number of university affiliated research centers | 424 |



Social Contribution

| | | |
|-----------|--|---------|
| 01 | Public-oriented social training and student social practice related to SDGs | |
| | Number of social training programs | 699 |
| | Number of social training program participants | 64566 |
| | Number of on line courses (MOOC) | 128 |
| | Number of on line courses participants (MOOC:)(person-times) | 5982508 |
| | Percentage of off-campus learners enrolled in on line courses (MOOC) | 97.78 |
| 02 | Campus resources and energy use | |
| | Total water consumption on campus(m') | 356.89 |
| | University floor space (m') | 223.6 |
| 03 | Student activities related to SDGs | |
| | Number of student associations | 30 |
| 04 | Public information campaigns related to SDGs | |
| | Number of news on Fudan University News (Chinese) | 12673 |
| | Number of news on Fudan University News (English) | 1568 |



International Collaboration

| | | |
|-----------|---|-------|
| 01 | International Collaboration related to the SDGs | |
| | Number of international conferences | 34 |
| | Number of international conference participants | 3800 |
| | Number of international agreements (during 2016-2020) | 196 |
| | Number of foreign visitors and exchanges (during 2016-2020) | 20691 |
| | International alliances | 19 |
| | International scientific and technological cooperation projects | 49 |

SDG1.3 Practical Case

1.3-1 All-round Service-oriented Postgraduate Financial Support Education System.



Fudan University (Fudan) attaches great importance to the role of financial aid in talent cultivation. Fudan adheres to the principle of "solving both moral and practical problems" through "financial aid and students' development assistance", innovates the ways and methods of work, improves the student aiding system, and strives to build an all-round, whole-process, and all-involved service-oriented cultivating system through financial aid to guarantee the healthy development of students from families with financial difficulties.

At present, Fudan has formed a scholarship and financial aid system, mainly including academic scholarship, assistantships in management, teaching, and research ("three assistantships"), special fellowships, national student loans and subsidies for students from families with financial difficulties. In 2020, a total of 22,454 students won postgraduate scholarships and 349 scholarships with social titles, with award of a total amount of 112.5329 million yuan. The total amount of assistantships in management and teaching in the whole year is 26.6775 million yuan. For students from families with financial difficulties, the University implements the "green channel", grants the subsidies for postgraduates with unexpected emergencies, and completes the identification of students with family economic difficulties. The University formulated medical assistance policies, assisting the medical insurance office of the university hospital on the voluntary participation in the residential health insurance by the full-time non-working graduate students, as well as students' application and claim acceptance of supplementary commercial medical insurance.

The University implements the concept of financial support education and promotes the all-round development of students. In May 2020, Fudan formulated the "Implementation Measures for the Socially Donated Overseas Exchange Scholarship for Graduate Students from Families with Financial Difficulties at Fudan University" to subsidize graduate students with family financial difficulties with excellent moral and academic performance to exchange overseas, increase their insights and broaden their horizons.



1.3-2 Fudan University's Paired-up Assistance in Poverty Alleviation – Yongping County, Yunnan.

Since 2012, Fudan University has been providing paired-up assistance for Yongping County, Dali Prefecture, Yunnan Province, to alleviate poverty based on Yongping's needs and Fudan University's strengths. Fudan has given Yongping all-round and multi-dimensional support and assistance in development planning, education and health, talent training, industries, funding, publicity and promotion, and alleviate poverty through consumption, to help Yongping alleviate poverty with high quality. The majority of Fudan teachers, students and medical workers have vividly interpreted the Fudan spirit by accomplishing the mission with enthusiasm and hard work.

In recent years, approximate 30 members of Fudan leadership have led teams to Yongping County to investigate and guide the implementation of various work. The University gives full play to its advantages as a comprehensive university, focuses on the construction of two major support systems of "whole chain basic education" and "three-dimensional medical treatment", and carries out multi-level education and training for principals and backbone teachers in the schools of Yongping County. The University has invested more than 10 million yuan for the establishment of the scholarship and financial aid system and updating facilities and equipment, helping more than 80 schools. Through expert guidance, grass-roots medical talent training, telemedicine services, and special financial support, among others, the University created a three-dimensional and healthy poverty alleviation platform, dispatching 9 batches of medical teams totaling 46 people, training 19 groups of specialized technical teams, and building 5 expert workstation teams.

In 2020, Fudan University adheres to the principle of "helping alleviate poverty, working together to move forward". Overcoming



the impact of the COVID 19 pandemic, the University continually focused on the key points of people's livelihood, dispatched elites, introduced resources, and increased investment, helping Yongping to do a solid job in the "second half" on its way of poverty alleviation. The University accurately exerted efforts in education assistance, continuously upgraded in medical assistance, improved quality and efficiency in scientific and technological assistance, steadily advanced in intellectual assistance, and innovated the big picture in assistance through consumption. Since the beginning of this year, the University, foundations, donating enterprises, and donors have donated funds and teaching and medical equipment to Yongping County with a cumulative equivalent amount of 18.95 million yuan.



1.3-3 Fudan University in the Work of Poverty Alleviation through Science and Technology for: Patented Bacterial Strains Help Apples Transform Gorgeously.

The cider is fruity and soft. Apples grown in an ecological planting area of 1,700 meters above sea level are brewed into champagne-colored cider. It is shiny in the tall glass bottle. Ink-styled "C9" is printed on the bottle, representing both cider and the long-lasting friendship between Fudan and Yongping.

This cider is the result of the cooperation between the team of Lv Hong, a distinguished professor of Fudan University, expert of the State Key Laboratory of Genetic Engineering, School of Life Sciences, Fudan University, and Shanghai Industrial Strain Engineering Technology Research Center, and Aqingsao Food Co., Ltd. of Yongping County, Yunnan Province. The University focuses on accumulating the momentum of sustainable development of the local economy on the basis of the results of poverty alleviation, and helping the orderly connection between poverty alleviation and rural revitalization. While improving the added value of products, the University promotes the development of the whole industrial chain of enzymes integrating fruit planting, production and sales.

The development of the cider product was quickly supported by all parties. Yongping County actively coordinated project loans to smooth financing channels for the company. Xu Hongbo from

Fudan, serving as deputy county magistrate of Yongping County, acted as a go-between for the introduction of Fudan's disciplines and talents. And Lv Hong's team was supported by the 2019 Shanghai Science and Technology Innovation Plan - Promotion Project of Demonstration Application and Industrialization of Scientific and Technological Achievements.





SDG2

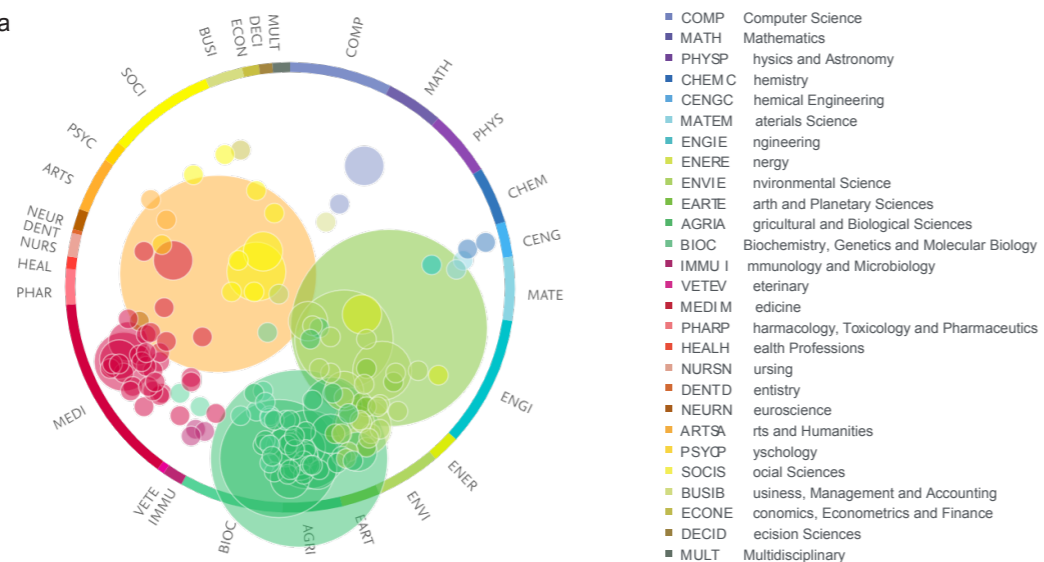
Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.



SDG2.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

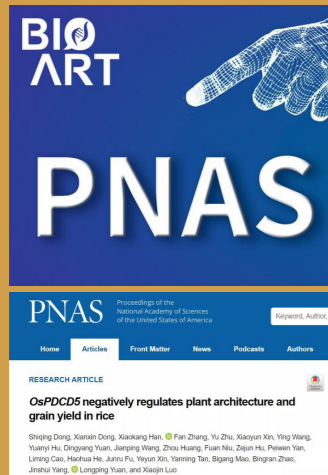
SDG2.2 Statistics

| | | |
|--|--|-----|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 56 |
| | Number of graduate degree programs | 37 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 1 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 23 |
| | Number of publications in Chinese and foreign languages | 0 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 1 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 3 |
| | Number of social training program participants | 115 |
| | Students' activities related to the SDGs | |
| | Number of student associations | 0 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 53 |
| | Number of news on Fudan University News (English) | 8 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 100 |

*Statistical year: 2020

SDG2.3 Practical Case

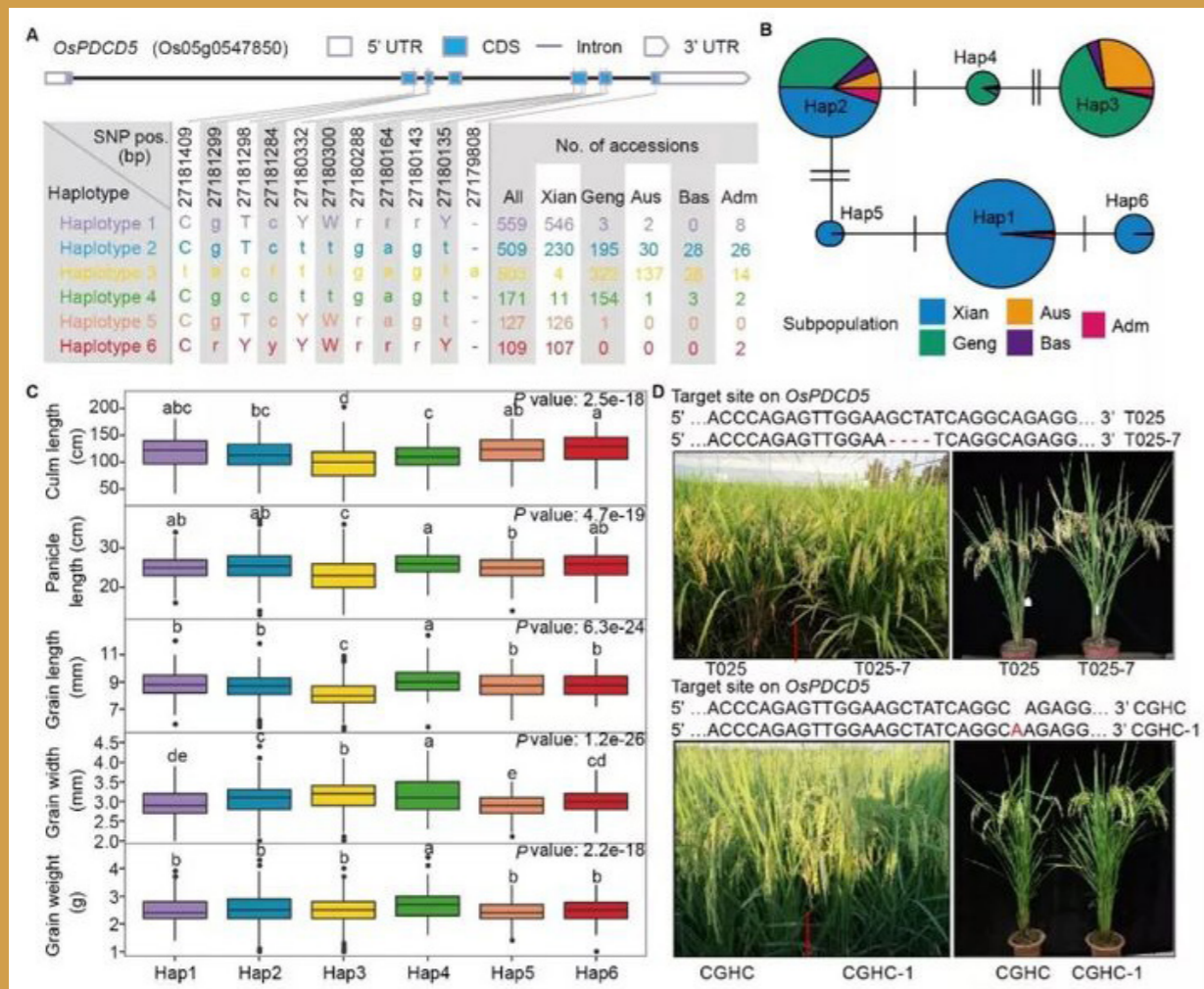
2.3-1 Molecular Mechanism of OsPDCD5 Gene Mutation to Improve Plant Architecture and Grain Yield in Rice.



Luo Xiaojin and Yang Jinshui research groups from the School of Life Sciences of Fudan University and the team of academician Yuan Longping of Hunan Hybrid Rice Research Center jointly published a research paper entitled "OsPDCD5 negatively regulates plant architecture and grain yield in rice" at PNAS, revealing the molecular mechanism of cellular programmed death gene OsPDCD5 mutation to improve rice plant structure and grain yield, making a huge contribution to improving grain yield in rice and reducing hunger worldwide.

The study used gene editing to create OsPDCD5 knockout series mutant strains. The systematic research was carried out through molecular biology methods such as trait observation, gene expression difference analysis, yeast double hybrid screening and gene haplotype identification, which provided a series of evidence that negative regulation OsPDCD5 could improve rice plant structure and grain yield under relatively small background influence, and the OsPDCD5 knockout lines showed increases in milled rice percentage and gel consistency, and a decrease in amylose content.

The study showed that OsPDCD5 affects rice yield by negatively regulating several genes involved in the biosynthesis and signaling pathways of gibberellin (GA), cytokinin, and auxin. In addition, OsPDCD5 interacted directly with OsAGAP, and OsAGAP positively regulated plant architecture and grain yield in rice. These findings demonstrate that OsPDCD5 is a promising candidate gene for breeding super rice cultivars with increased yield potential and superior quality.



2.3-2 Clean Plate Campaign.

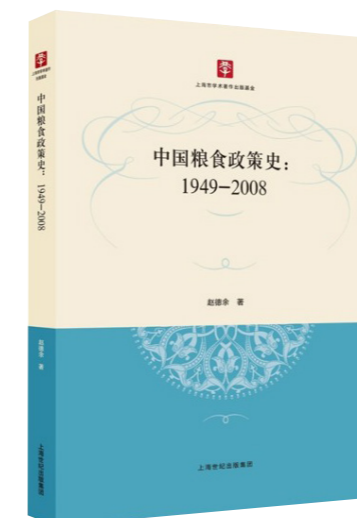
Through various forms of publicity activities, Fudan University advocates faculty and students to cherish food and builds a conservation-oriented green campus. The General Affairs Office has set up designated stalls near the canteens of each campus to promote the concepts of "food safety" and "shameful waste, glorious saving" to teachers and students. It also arranged practical opportunities for students to experience the logistic work such as plate recycling in the canteens, to understand the daily disposal of surplus meals in the canteen, and strengthen the awareness of conservation.

The Youth League Committee of Fudan University strengthened the awareness of Clean Plate Campaign to teachers and students in the form of vivid expression through publicity methods such as WeChat push. The canteens used information technology to launch an "all-in-one card" smart ordering system. Through this system, students can make reservations in advance through the online platform and intelligently adjust the proportion of rice, vegetables, and meat dishes according to their own appetite. The staff of the canteens said that teachers and students made reservations online in advance, so that the canteens could determine the supply

quantity according to the number of people on the day, and better implemented the concept of saving and environmental protection from the source.



2.3-3 Academic works related to "Zero Hunger".



Facing the goal of "Zero Hunger", Fudan scholars systematically study food safety. Zhao Deyu, a professor at the School of Social Development and Public Policy of Fudan University, is the author of "History of China's Food Policy", which studied the experience of establishing a planned economic model and market-oriented reform in China's grain sector by comparing the policy trends of the first thirty years and the last thirty years of reform and opening up, and provided departmental or industry-level case experience support for the general theoretical hypothesis of policy change. Professor Zhang Yuan of the School of Economics wrote "The Necessity to Pay Attention to the Impact of the Decline in Net Profit from Grain Cultivation on Farmers' Enthusiasm for Growing Grain", which was approved by the Premier of the State Council to provide intellectual support for the eradication of hunger.

3 GOOD HEALTH AND WELL-BEING



SDG3

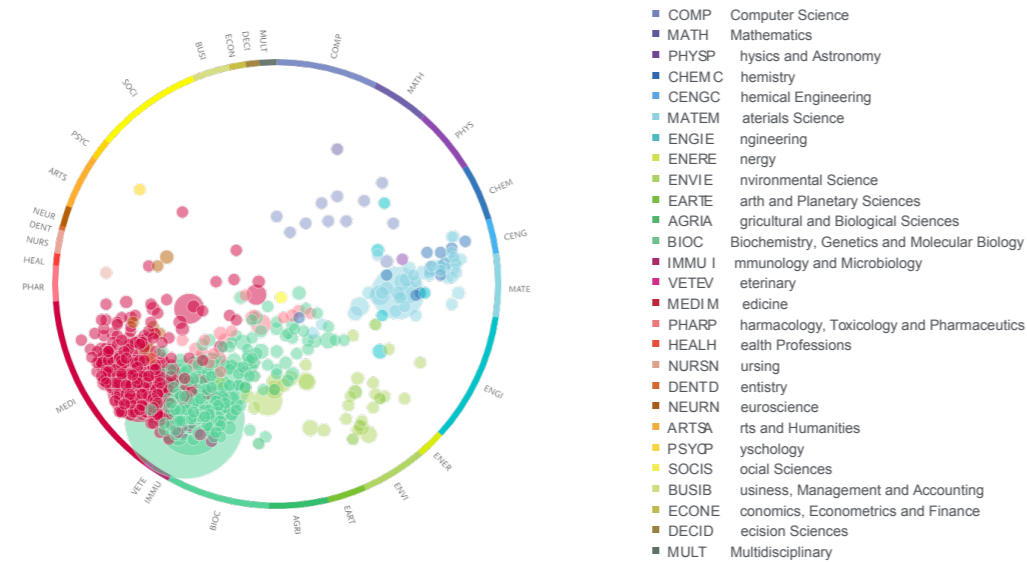
Good Health and Well-Being

Ensure healthy lives and promote well-being for all at all ages.

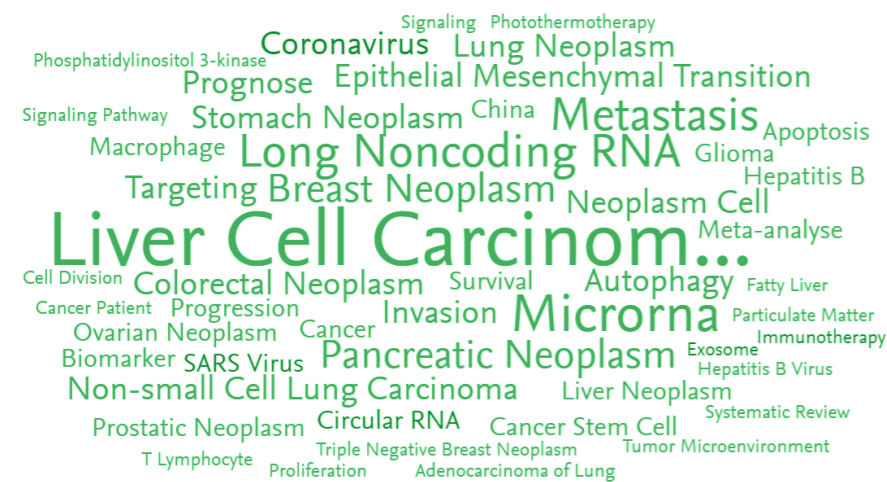


SDG3.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG3.2 Statistics

| | | |
|--|--|--------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 170 |
| | Number of graduate degree programs | 14 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 260 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 3949 |
| | Number of publications in Chinese and foreign languages | 122 |
| | Number of patents | 118 |
| | Number of outputtransformation | 15 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 24 |
| | Number of university-levelthinktanks | 3 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 79 |
| | Number of social t raining program participants | 10585 |
| | Number ofonlinecourses (MOOC) | 20 |
| | Number ofonlinecoursesparticipants (MOOC) (person-times) | 953170 |
| | Percentageoff-campuslearnersenrolledinonlinecourses (MOOC) | 95.70% |
| | Students'activities related to the SDGs | |
| | Number of student associations | 41 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 1632 |
| | Number of news on Fudan University News (English) | 214 |
| | Number of international conferences | 8 |
| | Number of international conference participants | 1500 |

*Statistical year: 2020

SDG3.3 Practical Case

3.3-1 Taking advantage of medical and scientific research, Fudan University makes contributions to the fight against the pandemic.



In the face of the COVID 19 pandemic, Fudan people strongly demonstrated its adherence that "people come first and dedication to the country". On the front line of the fight against the pandemic, the white-clothed fighters from Fudan University charged forward. Starting from the first batch of hero Zhong Ming, a total of 13 batches of 511 medical staff were dispatched to Wuhan for assistance. Fudan was among the first to station into the mobile cabin hospitals, reproducing the professional, strict and delicate "Shanghai standards" to the front line. Li Shengqing's team ranked among the best in the treatment of severe cases, and was praised by Vice Premier Sun Chunlan twice. Xinhua News Agency reported the picture of Liu Kai's "sunset afterglow" which warmed the entire netizens. Zhang Wenhong served as the leader of the Shanghai COVID-19 Treatment Expert Group. The Public Health Clinical Center and the Pediatric Hospital affiliated to Fudan, as the only two designated hospitals in the city, made outstanding contributions to safeguarding the safety of Shanghai and the health of citizens. On scientific research, the University organized more than 20 scientific research teams and launched 62 emergency and original research projects. Wen Yumei's team isolated the first new coronavirus in Shanghai; Ying Tianlei's team and Lu Lu's team discovered virus-related antibodies respectively; XueXiangyang's team developed an AI-assisted diagnosis

system; Sun Yunquan's team developed a disinfection robot within three weeks; and the student-based "mask team" launched a mask distribution management system within 16 hours, which was appreciated by the Municipal Commission of Commerce. Scholars of liberal arts and think tanks submitted more than 200 reports to the higher levels and central government, some of which directly served the Shanghai municipal and central government indecision-making and were fully affirmed. A total of 11 CNSLN papers were published, including 8 articles with Fudan scholars as first authors or corresponding authors. The University formulated and issued the "Action Plan of Fudan University on Strengthening the Construction of Public Health Disciplinary Groups", and took the lead in proposing a leading major strategic deployment solution in the face of the sudden outbreak of the COVID 19 pandemic in the country, highlighting Fudan's responsibility.



3.3-2 Shanghai and Fudan University set up two new institutions to prevent major infectious diseases.

In November 2020, Shanghai Institute of Major Infectious Diseases and Biosafety and the Shanghai Key Laboratory of Infectious Diseases and Biosafety Emergency Response were established at Fudan University. The establishment of the two institutions is an important measure for Shanghai to strengthen the epidemic prevention and control and the construction of science and technology research system of public health. The Shanghai Institute of Major Infectious Diseases and Biosafety focuses on major issues in the field of major infectious diseases and biosafety in Shanghai and the country, and builds a "full-chain" technology sharing platform to provide talent pool, technical support and policy proposals for the construction of Shanghai and national safety system for public health. The Institute aims to build into an influential R&D center and scientific and technological guidance center for epidemic prevention and control in the field of infectious diseases and biosafety in China,



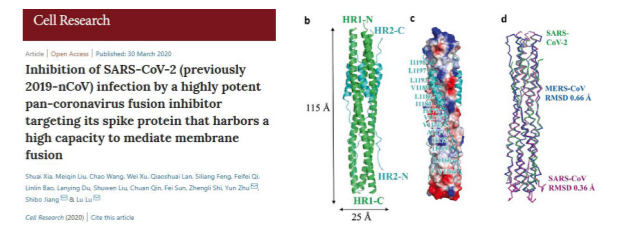
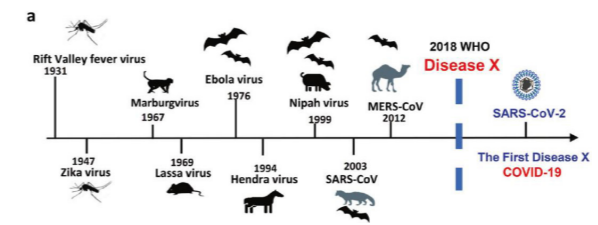
and strive to become the world's top comprehensive research institution for infectious diseases and biosafety. The Shanghai Key Laboratory of Infectious Diseases and Biosafety Emergency Response, with the Huashan Hospital affiliated to Fudan University as the main body, will adhere to the orientation of clinical needs, focusing on science and technology reserves of emergency response and clinical transformation of innovative results. The Laboratory will be built into an internationally leading center for pathogen detection, identification and treatment, transformation platform of clinical research and innovation, and platform for international cooperation exchange and talent training. The Laboratory will build a group of scientific and technological talents with international influence and comprehensively improve the ability of infectious disease prevention and control, to build a high-level infectious disease prevention and control technology "firewall" that reflects Shanghai's characteristics.



3.3-3 Lu Lu/Jiang Shiboof Fudan University discovered new coronavirus inhibitors, which are expected to be quickly applied in clinical practice.

On March 30, 2020, Lu Lu, Jiang Shibo from Fudan University, and Zhu Yun from the Institute of Biophysics of the Chinese Academy of Sciences worked together as corresponding authors of the article published on Cell Research titled "Inhibition of SARS-CoV-2 (previously 2019-nCoV) infection by a highly potent pan-coronavirus fusion inhibitor targeting its spike protein that harbors a high capacity to mediate

membrane fusion". Their research found that SARS-CoV-2 has better plasma membrane fusion ability than SARS-CoV. This study solved the X-ray crystal structure of the six-helix (6-HB) core of the HR1 and HR2 domains in the S2 subunit of the SARS-CoV-2 S protein, and revealed that several mutant amino acid residues in the HR1 domain may be related to the enhanced interaction of the HR2 domain.



3.3-4 Doctoral Medical Service Team of Fudan University.

The Doctoral Medical Service Team of Fudan University was established in 1994. Members of the team are senior doctoral students and specially invited professors and experts with clinical professional qualifications from various affiliated hospitals of Fudan University. Since its establishment 26 years ago, the team has been adhering to the mission of "warmth of true love, connection of blood, cultivation of medical ethics", insisting on providing free medical assistance to the people at the grassroots level with superb clinical technology and dedication. There are more than 200 doctoral volunteers, over 50 expert volunteers, and more than 50 team leader teachers to participate in the team. They have traveled across 29 hospitals, 19 impoverished counties, and 13 provinces, with a total travel distance of nearly 100,000 kilometers. They received tens of thousands of patients, conducted approximately 500 medical trainings, trained approximately 1,000 grass-roots medical staff, practicing Fudan University's spirit "Solidarity, Service, and Sacrifice" and Shanghai Medical College, Fudan University's spirit "Serving the People and Striving for a Strong Country", being affectionately called "the angel in white clothes walking deep in the mountains" by the local people. The team has won the "Top Ten Good People and Deeds of Shanghai Municipal Education and Public Health in the Party

Committee System", "Best Voluntary Service Project of Advanced Model in Learning from Lei Feng Activities in Shanghai Universities", "Shanghai May 4th Youth Medal", "Excellent Team for 'Sanxiaixiang' Social Practice of National College Student Volunteer in Summer Vacation", "Top 50 Poverty Alleviation Cases by Volunteers of the State Council's Poverty Alleviation Office" and many other honors.





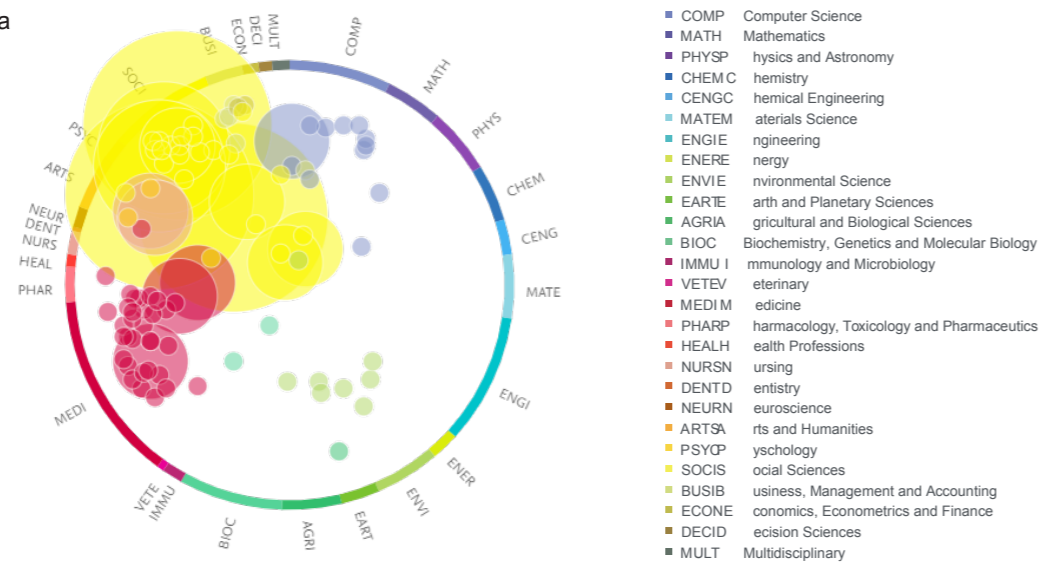
SDG4

Quality Education

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

SDG4.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG4.2 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 266 |
| | Number of graduate degree programs | 81 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 103 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 155 |
| | Number of publications in Chinese and foreign languages | 69 |
| | Number of patents | 1 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 24 |
| | Number of university affiliated research centers | 74 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 64 |
| | Number of social training program participants | 10168 |
| | Number of online courses (MOOC) | 53 |
| | Number of online course participants (MOOC) (person-times) | 2368210 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 94.30% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 8 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 9475 |
| | Number of news on Fudan University News (English) | 271 |
| | Number of international conferences | 5 |
| | Number of international conference participants | 270 |

*Statistical year: 2020

SDG4.3 Practical Case

4.3-1 Doctoral Lecturer Group of Fudan University.



The Doctoral Lecturer Group of Fudan University was established in 2002. It is one of the earliest college students' theory lecturing groups established in universities across the country. Adhering to the purpose of "two-way enhancement of studying for application, and publicizing theory to serve the society", the group organized graduate students to go deep into communities, schools, enterprises, military camps, etc. to lecture theories. Since its establishment, the group has given more than 2,000 lectures for various institutions and units, with an audience of more than 90,000 people, and has been widely praised by all walks of life.

The Lecturer Group conscientiously implements the decision-making and deployment of central government, and gives full play to the advantages of college students in theoretical lecturing. Based on the situation and subject background, the Group successively organized the lecturing groups on the themes including the spirit of the 17th National Congress of the CPC, the Shanghai World Expo, the 90th anniversary of the founding of the communist party of China, the spirit of the 18th National Congress of the CPC, the Spirit of the Third, Fourth, Fifth, and Sixth Plenary Sessions of the Eighteenth CPC Central Committee, The Chinese Dream, the Chinese Development Road, the spirit of the 19th National Congress of the CPC, a New Era of Reform and Opening up, the history of the University and China, etc. Rooted at the grassroots level, the Group carried out theoretical lectures, lecturing services, research and survey, and lecturing new theories, new ideas, and new strategies of the CPC. The Group has won the honors of "National Advanced

Group for Theoretical Lecturing at the Grass-roots Level", "Best 'Four 100s' Volunteer Service Organization in 2016 Lei Feng Volunteer Service in China", "Shanghai Outstanding Volunteer Organization", and "Shanghai Advanced Group for Theoretical Lecturing at the Grass-roots Level in 2016". "People's Daily", China Central Television, "China Education Newspaper" and other media have made in-depth reports on the work experience of the Group.

After years of development, the Fudan University Doctoral Lecturer Group has grown into a leading group in theoretic lecturing and voluntary service of college students across the country. It has a big picture and influence that deeply cultivates universities, leads Shanghai, and expands to the whole country.

第十二届中国青年志愿者优秀个人奖、组织奖、项目奖评选表彰名单公示

中国青年志愿者 2019-12-09

| 第十二届中国青年志愿者优秀组织奖名单 | |
|--------------------|---------------------|
| 省份 | 组织名称 |
| 上海 | 上海嘉定区关爱残疾人康复培训中心 |
| | 上海海上搜救志愿者总队 |
| | 复旦大学博士生讲师团 |
| | 美国东岸上海江苏路配建站青年志愿者团队 |
| | 中国铁路上海局集团有限公司团委 |



4.3-2 The academy system: exploring the university way of "general education".

Fudan University is one of the pioneers exploring the academy system in China. The core mission of the academy system is to "strengthen moral education for self-cultivation". It has four orientations: one is the second classroom for students' all-round development; the second is a living area of cultivation through culture; the third is a public space shared by teachers and students; and the fourth is an educational platform for students' self-management. The academy system of education centers around strengthening morality education and cultivate people. Through the implementation of the undergraduate supervisor system, the strengthening of general education courses and environmental influence, the academy system expands academic and cultural activities, promotes the integration arts and sciences of students, and complements their majors, encourages dorm roommates from different professional backgrounds to exchange and learn from each other, and builds a learning and life community, getting through the literature, history, and philosophy of traditional Chinese culture, and

then integrating the humanities and natural sciences while imparting professional knowledge.

Fudan University has implemented the academy system since 2005. At that time, the academies mainly consisted of freshmen academies and carried out a one-year general education. At present, the University has adopted a three-year action plan for the construction of academies, focusing on strengthening morality education and cultivate people, highlighting the function of strengthening moral education for self-cultivation. The academy system has promoted the mutual win-win of general education and professional education, and promoted the construction of a modern university education system getting through the whole process with all involvement.



4.3-3 Quality Standard Alliance of Online Courses of Higher Education.

With the development of online courses, many top universities around the world have successively offered courses online and implemented blended teaching in schools. How to design and develop suitable standards for online courses and blended teaching and ensure the quality of online teaching or blended teaching has become an issue of great concern. The United States Quality Matters (QM) has been committed to the quality assurance of online and blended learning since 2003, and has played an internationally leading role.

In 2015, the Center for Faculty Development of Fudan University cooperated with QM to develop and apply the FD-QM online course quality standard. This standard reflects the "learning-centered" quality view, with continuous course improvement as the goal, and focuses on design of online courses. It is suitable for online/

blended courses based on the SPOC platform in colleges and universities, and most of its core standards are also applicable to courses on MOOC platform and face-to-face courses. The FD-QM Online Course Quality Standard Alliance (the "Alliance") was initiated and established by the Center for Faculty Development of Fudan University in June 2018, and currently has more than 60 Council Members. The alliance aims to form a quality standard that is substantially equivalent to international standards and can solve the problems in the construction and application of online courses in China's higher education through the joint efforts of all member units and the development of research with an international perspective based on local situation, providing effective solutions and demonstration cases for the improvement of the quality of online courses in China.



SDG5

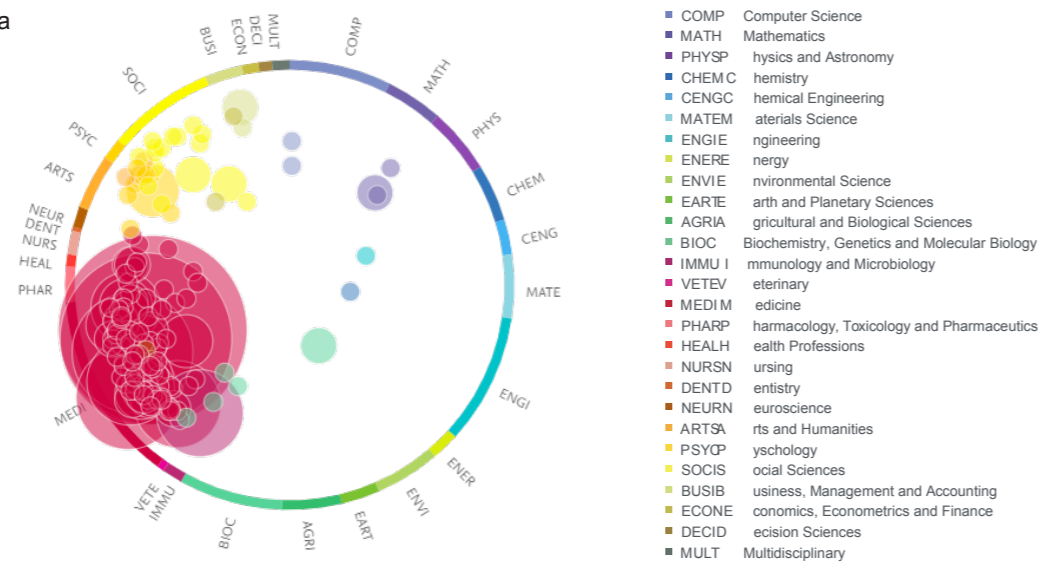
Gender Equality

Achieve gender equality and empower all women and girls.

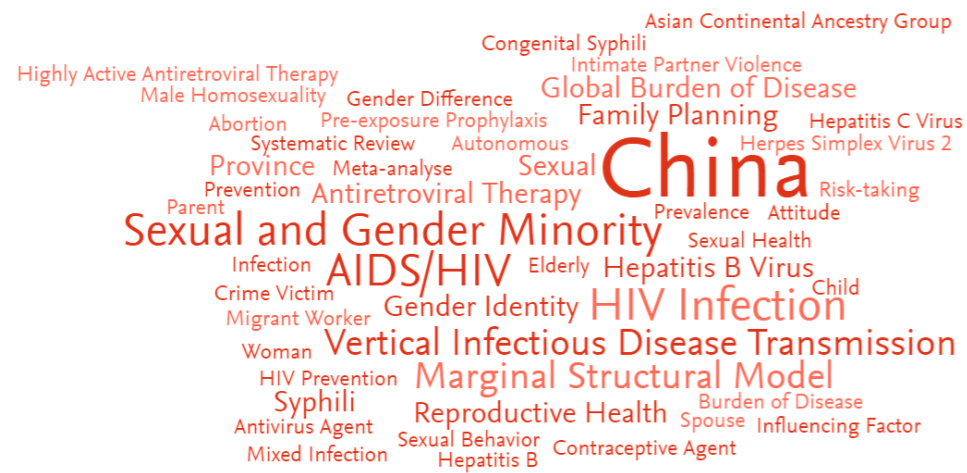


SDG5.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG5.2 Statistics

| | | |
|--|--|--------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 85 |
| | Number of graduate degree programs | 16 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 0 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 9 |
| | Number of publications in Chinese and foreign languages | 1 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 4 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 4 |
| | Number of social training program participants | 160 |
| | Number of online courses (MOOC) | 3 |
| | Number of online course participants (MOOC) (person-times) | 149436 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 99.10% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 2 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 68 |
| | Number of news on Fudan University News (English) | 10 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 10 |

*Statistical year: 2020

SDG5.3 Practical Case

5.3-1 Inheritance, Fudan Outstanding Female Scientists.

Five Fudan University people won the National March 8th Red-Banner Pacesetters and National Women's Achievement Models Wen Yumei, academician of the Chinese Academy of Engineering, professor and doctoral supervisor of Shanghai Medical College of Fudan University, Hua Keqin, chief physician and professor of Obstetrics and Gynecology Hospital of Fudan University, and Secretary of the Party Committee of Obstetrics and Gynecology Hospital, were awarded the National March 8th Red-Banner Pacesetters.

Hu Wei, professor of the School of Life Sciences at Fudan University and Dean of the School of Life Sciences at Inner Mongolia University, Cang Jing, deputy dean of Zhongshan Hospital Affiliated to Fudan University, and Zhang Zhen, director of the Radiation Therapy Center of Tumor Hospital Affiliated to Fudan University, were honored as National Women's Achievement Models.

She was in white clothes and fought a desperate battle with coronavirus on the front line of the Wuhan defense war. She devotes herself to poverty alleviation, and contributes to

poverty alleviation through science and technology, poverty alleviation by industry, and rural revitalization.

She has the courage to take on the big responsibility and serve the country in the research of technology bottleneck.

She is personally aware of the development of talents, dedicated to the work of talents.

She leads the Women's Committee to the grassroots, visit experts, listen to opinions, and strives to improve what women need and expect.

She is a health expert for policy consultation and enlightening people with new ideas.

She is a returnee from overseas who explores the forefront.

She is an excellent representative of voluntary service and a loyal heir to the inheritance of the tradition of revolution.

In addition to these "shes", there are more of them! They contribute women's wisdom and strength to the construction of the city.

.....



闻玉梅
Wen Yumei



华克勤
Hua Keqin



胡薇
Hu Wei



章真
Zhang Zhen



仓静
Cang Jing

5.3-2 Fudan Women's Volleyball Team achieves nine consecutive victories in the National College Volleyball League.

The Fudan University Women's Volleyball Team was established in 1935. After several generations of joint efforts and hard work, many impressive results have been achieved. Since the 1980s, the Fudan Women's Volleyball Team, as Fudan's shining sports card, has become one of the University's external publicity windows. It has repeatedly received the visits of high-level teams from universities, cities, and provinces at home and abroad, and won numerous honors in various competitions.

There are 2 coaches in Fudan Women's Volleyball Team. Chief coach Liu Ting and assistant coach Sheng Zhenzhen have professional athlete experience. They joined Fudan University

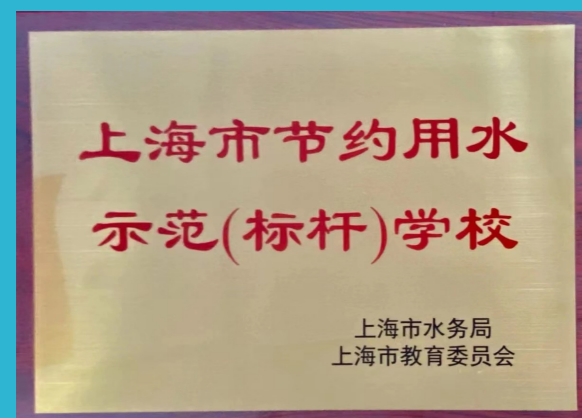
to study after retirement and stayed at school to teach and lead the team after graduation. They are a team with a high level of professional volleyball skills and cultural literacy. The Fudan Women's Volleyball Team currently has 23 athletes from middle schools with volleyball tradition across the country. The players have good professional skills and a spirit of learning. Even on holidays, the team also conduct full-day training according to the event schedule. It is through day-to-day high-intensity training that Fudan Women's Volleyball Team was able to achieve nine consecutive Shanghai University Volleyball Championships!



SDG6.3 Practical Case

6.3-1 Water-saving publicity in Fudan.

In order to thoroughly implement water management ideas in the new era of "water saving priority" proposed by General Secretary Xi Jinping, further raise teachers and students' awareness of water saving, and cultivate good habits of saving water and loving water, the General Affairs Office of Fudan University cooperates with the Shanghai Water Supply Management Affairs Center every year (Shanghai Water Conservation Promotion Center) to carry out water-saving publicity activities in colleges and universities. It aims to popularize water-saving knowledge to teachers and students, demonstrate water-saving technologies, encourage teachers and students to actively participate in water-saving initiatives, and organically integrate traditional culture with water-saving concepts to create a good atmosphere of water-saving, water-cherishing, and water-loving.



节水的组织管理体系

1990年

- 学校成立节能工作领导小组
- 于总务处设立节能管理办公室

2010年

- 学校成立节能专家委员会

节水的规章制度

2013年: 修订《复旦大学水电收费实施细则》

2014年: 学校进一步明确加强节能绿色运营, 保护校园生态, 珍视学校文化传统与环境等办学理念, 把节能绿色运营写入《复旦大学章程》

2015年: 制定印发《复旦大学能源和水资源管理办法》、《复旦大学用能定额指标实施办法》, 制定《复旦大学能源和水资源管理办法实施细则》, 修订《复旦大学节能奖励办法》

In addition to water-saving publicity and education, the General Affairs Office of Fudan University has actively carried out water-saving renovations, implemented contracted water-saving projects, formulated energy and water resources management methods, increased unconventional water utilization, and promoted the construction of water-saving information platforms. The Jiangwan Campus of Fudan University was rated as a water-saving demonstration (benchmark) school in Shanghai.

节水的荣誉

2008 邯郸校区 上海市第一“节水型”校区

2009 枫林校区 “节水型”校区

2010 张江校区 “节水型”示范校区

2012 江湾校区 “节水型”示范校区 复旦大学成为“节水型”学校

2015 复旦大学成为第二批节约型公用机构示范单位

2018 邯郸校区 张江校区 顺利通过节水型校区复评工作并取得水平衡测试备案证

节水的技术

- 通过节能监管平台, 加强各校区供水管网的日常管理, 做好水耗公示, 及时发现用水异常情况并通过平台进行能耗公示, 为推行用能指标化管理提供技术保障。
- 智能表具安装, 实时远程传输数据, 为节能监管平台节水数据的收集提供了科学依据。
- 空气源热泵改造, 四校区公共浴室全面取消燃气锅炉, 以更加安全节能的空气源热泵替代, 每年节约至少120万元的运行成本, 并为学校贡献近2000m³的空间资源, 目前枫林浴室已改造为米饭生产线, 北区浴室已改造为亚洲青年交流中心。
- 在四校区公共楼宇内安装节水龙头, 在教学楼男用小便池安装红外线节水王等。
- 聘请有资质的环评公司做好四校区水平衡测试工作, 通过测试分析为学校提供节水建议和方案。
- 对教学楼宿舍区内两处深水并回灌进行改造, 将原有的回场水再次循环利用, 平时作为学校绿化浇灌和清洁道路使用, 紧急时可用于临时供水点和消防供水点使用。

节水的宣传

- 举行后勤开放日, 邀请师生参观节能监管平台, 普及宣传节水内容、策略、技术及成果。
- 在教学楼、食堂、学生公寓、会议室等公共区域设置节水标识。
- 每年3月22日世界水日, 3月22日-28日中国水周期间, 做好专题宣传。
- 与其他部门联合开展节水宣传和教育活动。

6.3-2 Fudan and a number of units jointly developed the "black technology" for COVID-19 prevention – the 222-nanometer "light vaccine".

At the Tokyo Olympics, the Chinese Olympic delegation not only achieved impressive results, but also 777 people returned home safely without one case of COVID-19, achieving the goal of "zero infection" set by the delegation before the departure. In addition to the conventional anti-epidemic measures such as masks, disinfection equipment, and vaccines, backing the Chinese delegation is also a joint research and development project – "black technology" for COVID-19 prevention by Columbia University, Fudan University, Shanghai Institute of Major Infectious Diseases and Biosafety, and Starlight (Shanghai) Industrial Co., Ltd. The Shanghai Institute of Major Infectious Diseases and Biosafety led to complete the 222-nanometer "light vaccine" at room temperature and the world's first cold storage environment for the disinfection of coronavirus. This means that the "light vaccine" can cope with temperatures above 4°C, inactivating millions of coronaviruses in a short period of time, with a disinfection rate of over 99.99%. The Shanghai Institute of Major Infectious Diseases and Biosafety also focused on the study of the relationship between the radiation dose and the disinfection effect of the coronavirus. The

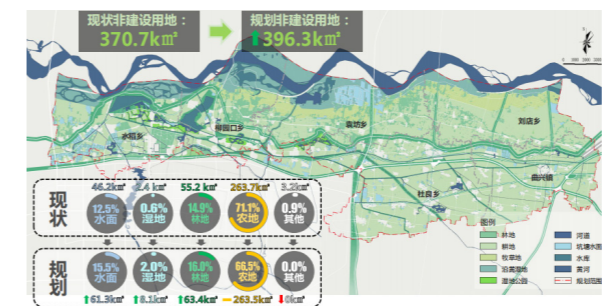
key data generated by the experiment provided important support for future use, and guidance on how to use 222 nm in various scenarios in the future.



6.3-3 The Wang Xinjun team in the field of environment keeps a close eye on the national strategic demand of "Ecological Protection and High-quality Development of the Yellow River Basin" and actively serves local development and won praise.

Wang Xinjun's team from the Department of Environment of Fudan University played the leading role of territorial and spatial planning in serving the national strategic needs and local development. In accordance with the requirements of the national strategy of "Ecological Protection and High-quality Development of the Yellow River Basin", the team actively participated in relevant strategic planning and was highly recognized. The project adheres to the overall design concept of "ecological priority, axis and belt development, city and river symbiosis, and node support" and follows the general requirements of "green as the base, water as the belt, culture as the pearl, industry as the foundation, and people oriented". In the planning pattern, it is necessary to grasp the ecological pattern, the spatial pattern, and the pattern of cultural and tourism integration. In terms of the ecological pattern, the project does well in "water", centering on "a river as the source, two rings embracing each other, four horizontal and five vertical, and ten lakes connecting". In terms of the spatial pattern, the project forms a high-quality development "axis" of eco-cultural tourism along the Yellow River, and "Four Areas" including the core area of the Yellow River National Cultural Park, the Millennium City and River Symbiosis Cultural Heritage

Exhibition Area, the Yellow River Suspension River Characteristic Scenic Area, and the Central Plains Agricultural Wetland Ecological Restoration Pioneer Area. In terms of culture and tourism pattern, the project takes the internationally influential Zheng Bianluo Yellow River Cultural Tourism Belt as the lead to promote the application for the list of world heritage of Kaifeng's Yellow River water conservancy cultural landscape, creating five major historical and cultural landmarks of the Yellow River of "one belt, one pavilion, one city, one center, and one storytelling place".



2水稻乡国家农业公园

在水稻乡内, 结合稻田, 鱼塘, 村庄, 河流, 打造水稻乡国家农业公园。

农业科技园, 湿地水景观, 稻田游船, 稻乡度假, 稻田绘画

2水稻乡国家农业公园——稻香湿地景观风貌

现状鱼塘与农田, 稻田的多时, 可设置少量农田, 增加景观地。

对农田, 鱼塘, 村庄, 河流, 进行梳理, 增加景观地。

对农田, 鱼塘, 村庄, 河流, 进行梳理, 增加景观地。

7 AFFORDABLE AND CLEAN ENERGY



SDG7

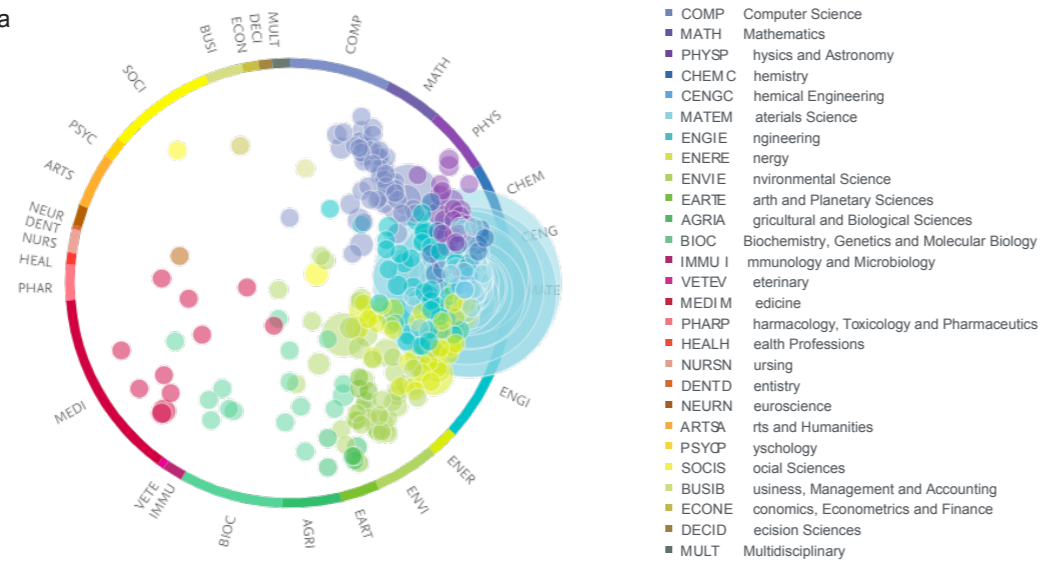
Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all.

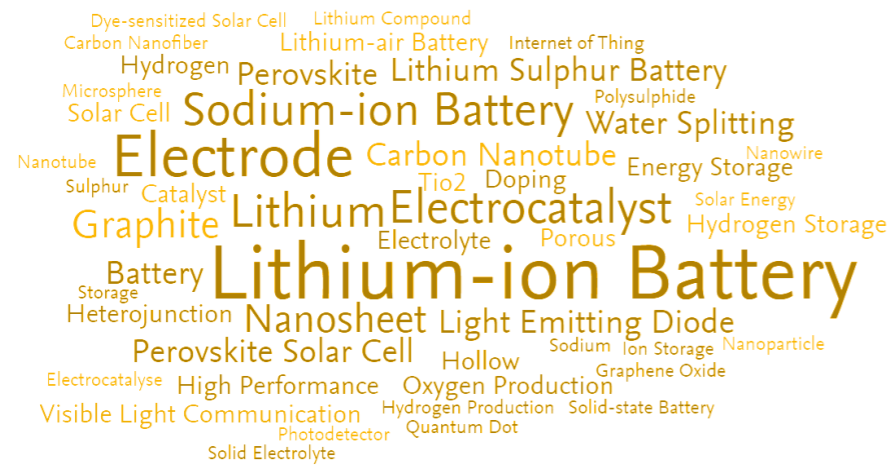


SDG7.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG7.2 Statistics

| | | |
|--|--|-----|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 62 |
| | Number of graduate degree programs | 3 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 0 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 32 |
| | Number of publications in Chinese and foreign languages | 0 |
| | Number of patents | 154 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 7 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 11 |
| | Number of social training program participants | 524 |
| | Students' activities related to the SDGs | |
| | Number of student associations | 1 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 24 |
| | Number of news on Fudan University News (English) | 45 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 600 |

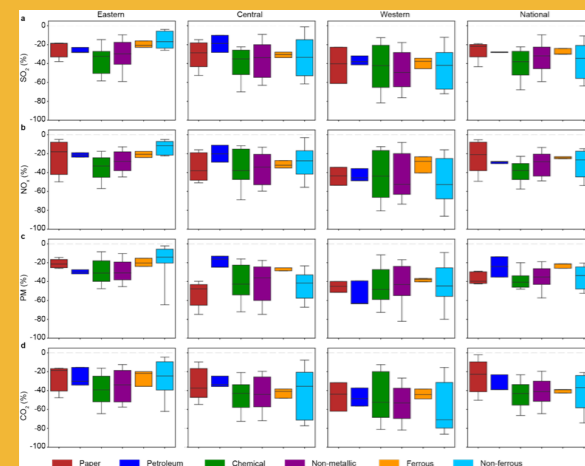
*Statistical year: 2020

SDG7.3 Practical Case

7.3-1 The Wu Libo team of the School of Economics published an article in a top journal (Nature Sustainability).

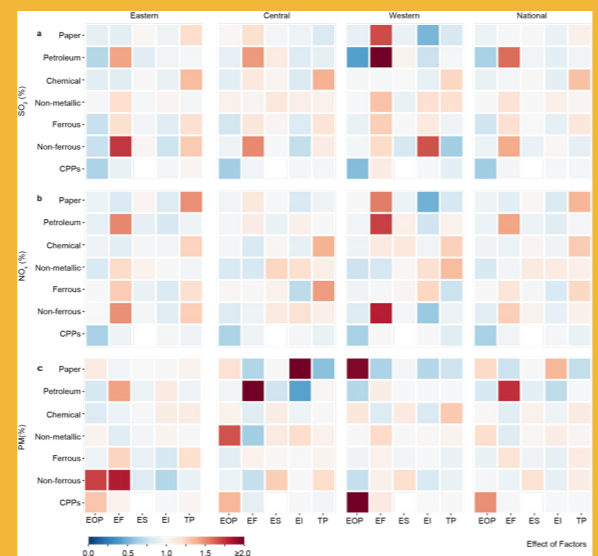


Air pollution reduction policies can simultaneously mitigate CO₂ emissions in the industrial sector, but the extent of these co-benefits is understudied. We analyse the potential co-benefits for SO₂, NO_x, particulate matter (PM) and CO₂ emission reduction in major industrial sectors in China. We construct and analyse a firm-level database covering nearly 80 observations and use scenario simulations to estimate the co-benefits. The findings show that substantial co-benefits could be achieved with three specific interventions. Energy intensity improvement can reduce SO₂, NO_x, PM and CO₂ emissions for non-power sectors by 26–44%, 19–44%, 25–46% and 18–50%, respectively. Reductions from scale structure adjustment such as phasing out small firms and developing large ones can amount to 1–8%, 1–6%, 2–20% and 0.2–3%. Electrification can reduce emissions by 19–25%, 4–28%, 20–29% and 11–12% if the share of electricity generated from non-fossil fuel sources is 70%. Since firm heterogeneity is essential to realize the co-benefits and directly determines the magnitudes of these benefits, stricter and sensible environmental policies targeting industrial firms can accelerate China's sustainable transformation.



Achieving the coordinated reduction of air pollutants and carbon dioxide is of great significance to China's goal of achieving carbon neutrality and further improving the quality of the air environment. In January 2020, led by Wu Libo's research team from the School of Economics of Fudan University, the teams of

the Institute for Global Public Policy, the Institute of Big Data and the School of Big Data, as well as the University College London, Shanghai Jiaotong University and Tsinghua University took advantage of the data on energy consumption and air pollutant emissions of micro-enterprises in China's industrial sector, and conducted in-depth research on the micro-mechanism of the co-emission reduction potential of air pollutants and carbon dioxide in the industrial sector in China. The results showed that continuous improvement of energy efficiency, rational layout and adjustment of the existing industrial sector's production structure, accelerating the level of electrification, and vigorously developing non-fossil energy power generation are important ways to realize the benefits of coordinated emission reduction in China's industrial sector. Relevant research results as an article were published online in "Nature Sustainability" on January 4.



7.3-2 Fudan University was named the second batch of energy efficiency leaders in public institutions nationwide.

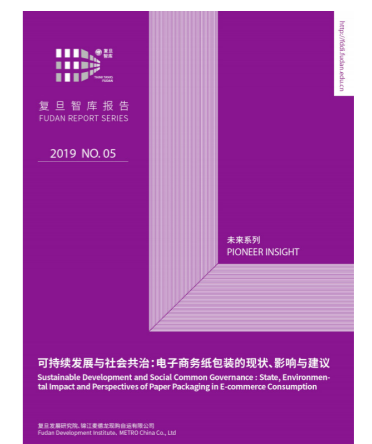
Fudan University attaches great importance to energy conservation and emission reduction, and strengthens the top-level design to provide strong guarantees. The University has an energy-saving leading group and an energy-saving management office, and specially established an energy-saving experts committee. The construction of beautiful campuses, green campuses, and promotion of energy conservation and emission reduction were included into the University's party congress report, as an important measure to accelerate the University's "double world-class" construction and achieve high-quality development and connotative development in the next five years. Corresponding deployments were also made in the annual key points of work of the University. The University continues to deepen the integration of energy conservation, environmental protection and education, and earnestly promote the implementation of energy conservation, environmental protection and green campus construction. In 2020, the State Administration for Agency Affairs issued the "Notice on Announcement of the List of Demonstration Units and Energy Efficiency Leaders in Energy-saving Public Institutions from 2019 to 2020". A total of 192 units across the country have



been rated as energy efficiency leaders in public institutions. Fudan University is one of the six public institutions on the list in Shanghai.

7.3-3 Sustainable development and social co-governance: the status quo, impact and suggestions of e-commerce paper packaging.

With the gradual increase in packaging requirements of producers and consumers, the problem of "overpacking" has become increasingly serious. Fudan Development Research Institute and Metro China invited the team of Professor Mary Harder from Fudan University to conduct a systematic and detailed analysis of the problem. The report began with the development status of domestic and foreign e-commerce consumption fields, showed the current status of excessive paper product packaging and the potential environmental damage it brings, and further discussed possible solutions. Combining the current domestic and foreign policy-making experience and excellent practice cases, especially the concerns of major industry development directions and future research from relevant industry practitioners on this topic, the report put forward prospects and feasible suggestions for current overwhelming product packaging issues in China's e-commerce consumption field.



7.3-4 The 5th International Symposium on Energy Chemistry and Materials.

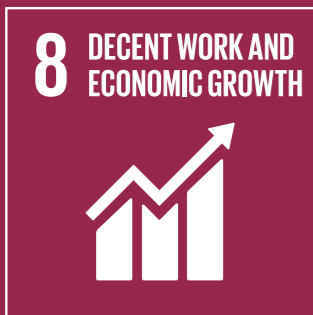


In October 2020, the Fifth International Symposium on Energy Chemistry and Materials was held at Fudan University. The event was hosted by the "2011 Collaborative Innovation Center of Chemistry for Energy Materials" (iChEM) and organized by Fudan University. Nearly 300 experts and scholars in the field from more than

10 countries around the world participated in the event. A total of 29 keynote reports were held, and more than 80 excellent posters were accepted. The purpose of this Symposium is to provide a high-end platform for international exchanges for related researchers who are exploring



the frontiers of the field of energy materials chemistry at Fudan University, strengthen the in-depth exchange and development of basic disciplines in the energy field, and further lead the cooperation and innovation of energy chemistry and materials research with the help of the iChEM platform.



SDG8

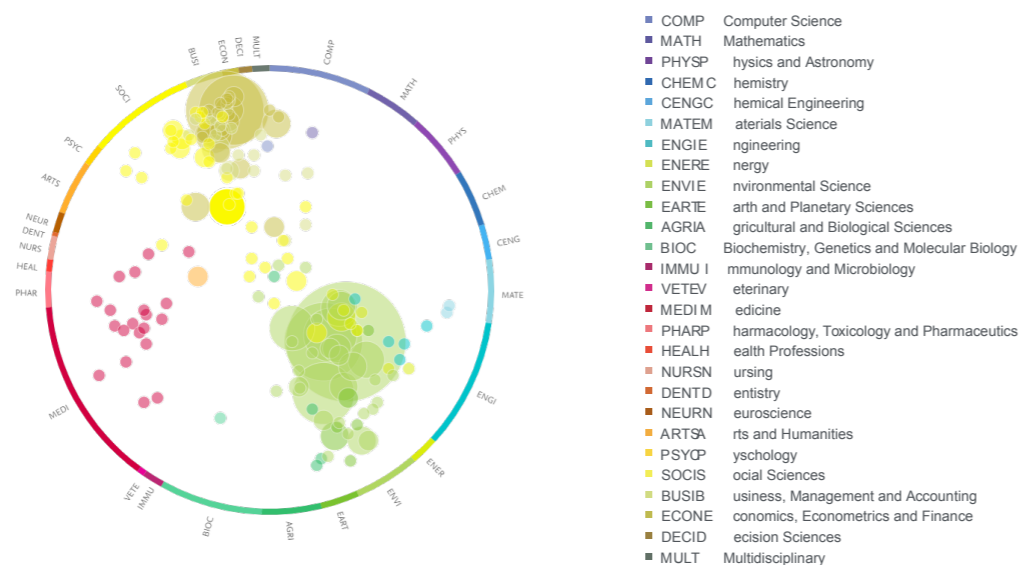
Decent Work

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.



SDG8.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG8.2 Statistics

| | | |
|--|--|--------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 133 |
| | Number of graduate degree programs | 81 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 17 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 110 |
| | Number of publications in Chinese and foreign languages | 7 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 35 |
| | Number of university-level think tanks | 1 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 274 |
| | Number of social training program participants | 21083 |
| | Number of online courses (MOOC) | 14 |
| | Number of online course participants (MOOC) (person-times) | 759899 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 94.20% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 13 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 220 |
| | Number of news on Fudan University News (English) | 26 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 80 |

*Statistical year: 2020

SDG8.3 Practical Case

8.3-1 Serving the national development strategy and strengthening the construction of the system of employment as guidance.

In recent years, guided by "serving the national development strategy", with "strengthening career value education" as the core, Fudan University has focused on the key talent projects including selected graduates into the team of civil servants, and continued to promote the construction of the employment-guided work system of the trinity of "target as guidance- incentives through education-care through follow-up the progress", highlighting grassroots employment guidance, and encouraging graduates to take root in the grassroots and serve the society. The University continued to promote various grassroots and national key employment projects such as the selection of graduates into the team of civil servants, the "Western Program Volunteers", "Three Supports and One Assistance", "College Student Recruitment", and "College Student Village Officials". The University insists on working in advance on employment, implemented the "Grass-roots Employment Leading Program" for the students, and continued to carry out the policy promotion group of selected graduates into the team of civil servants "entering colleges and departments, party branches, and

classes", holding nearly 40 sessions lectures throughout 2020, and covering more than 2,000 students. The University organized special training camps for selected graduates of the "New Feather Project", strengthened education of learning about China, policy interpretation and administrative capacity training, and continuously expanded the "pool" of grassroots talent. The University combined with special activities such as "Young Swallows Returning to the Nest-Grassroots Alumni Cloud Forum", and "On the Grassroots-Alumni Cloud Salon", to lead and influence more than 6000 students. As of 2020, Fudan and 28 provinces (autonomous regions and municipalities) have carried out the targeted recruitment of selected graduates. The number of selected students from Fudan University has repeatedly hit new highs. A total of nearly 700 people have joined the team of selected graduates from all over the country. More and more young people from Fudan University have joined the grassroots level across the country and embarked on a new journey.



8.3-2 Promote education through internship and practice, optimizing the layout of transportation and training of talents.

Relying on the construction of a demonstration base for employment and entrepreneurship of Shanghai college graduates, Fudan University continues to promote the training and transfer of global governance talents, overcome the adverse impact of the COVID 19 pandemic, actively innovate working methods, and provide support for the talent pool of international organizations. The Global Governance Talent Training Program was implemented. A total of 59 students were selected for talent projects from international organizations such as "Rongchang Scholars" throughout the year, with a funding amount of nearly 3 million yuan. Platforms for dialogue, exchange and promotion of international organizations were established, and multinational and cross-school collaborations were strengthened. In 2020, a total of 135 pieces of internship information of various international organizations were released, with the number of readings exceeding 130,000. As the secretary-general unit of the International Organizations Talent Training Work (Shanghai) University Alliance, Fudan took the lead in compiling the "International Organization Career Development Guide" (2020 version), designing and publishing the alliance cultural logo, convening and organizing the seminars and exchange activities



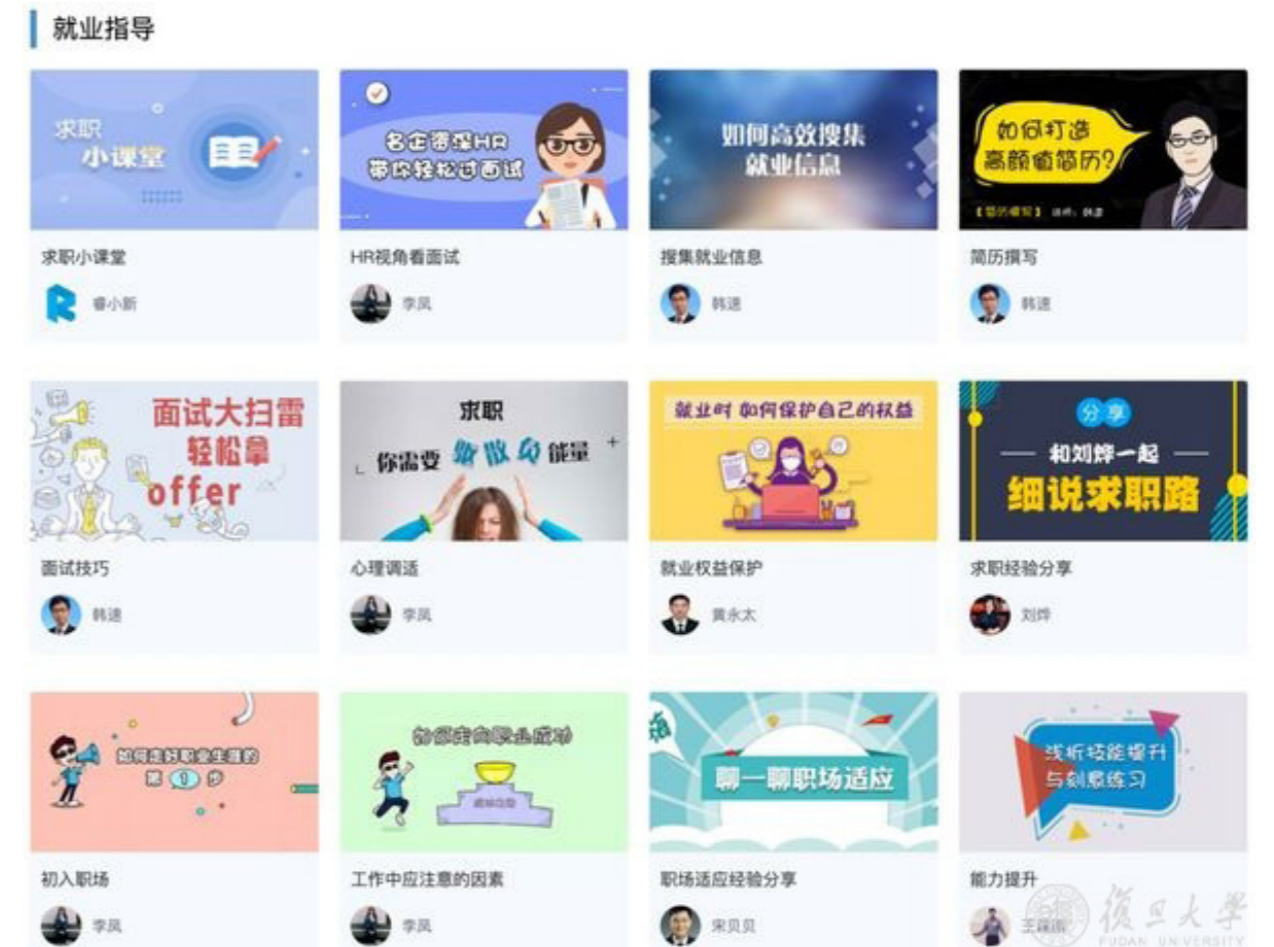
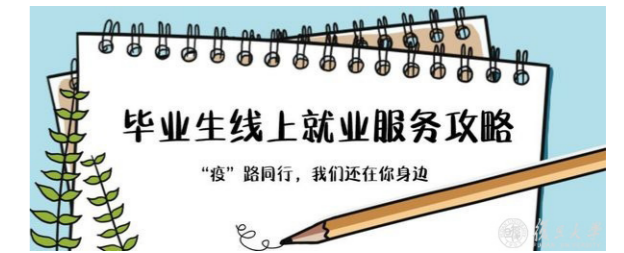
of alliance universities, expanding the sharing of resources and achievements, and helping form an international organization talent training and transportation pattern with Shanghai characteristics.

8.3-3 Accelerate the transformation of online services and improve the multi-dimensional employment security system.



information, launch series of articles including "weekly recruitment package" and "daily presentations forecast", and optimize functions such as "job screening", "keyword index", and "presentations calendar" to provide graduates with one-stop information services. Employment Information Network released nearly 4,500 recruitment information throughout the year, more than 16,000 job information, and provided more than 250,000 positions, a significant increase from last year. The University makes full use of "Fudan Career", "Fudan Employment at Grassroots", "Fudan National Association FDG2IO", and "FDICareer" information service new media matrix, pushing nearly 2,000 messages throughout 2020, with a total of more than 1.8 million views and cumulative attention exceeding 100,000, an increase of 30% from 2019.

In response to the new situation of employment, Fudan University has accelerated the transformation of online precision services, established and launched "cloud recruitment" systems such as online job fair, online recruitment presentations, and remote interviews, promoted the "one-stop website" for employment services, and created "cloud employment" platform for graduates, building a precise bridge between supply and demand. The University continues to build a "1+5" online service platform for employment information, sort out online recruitment presentations, recruitment of enterprises and institutions, recruitment of selected graduates, international organization internships and other

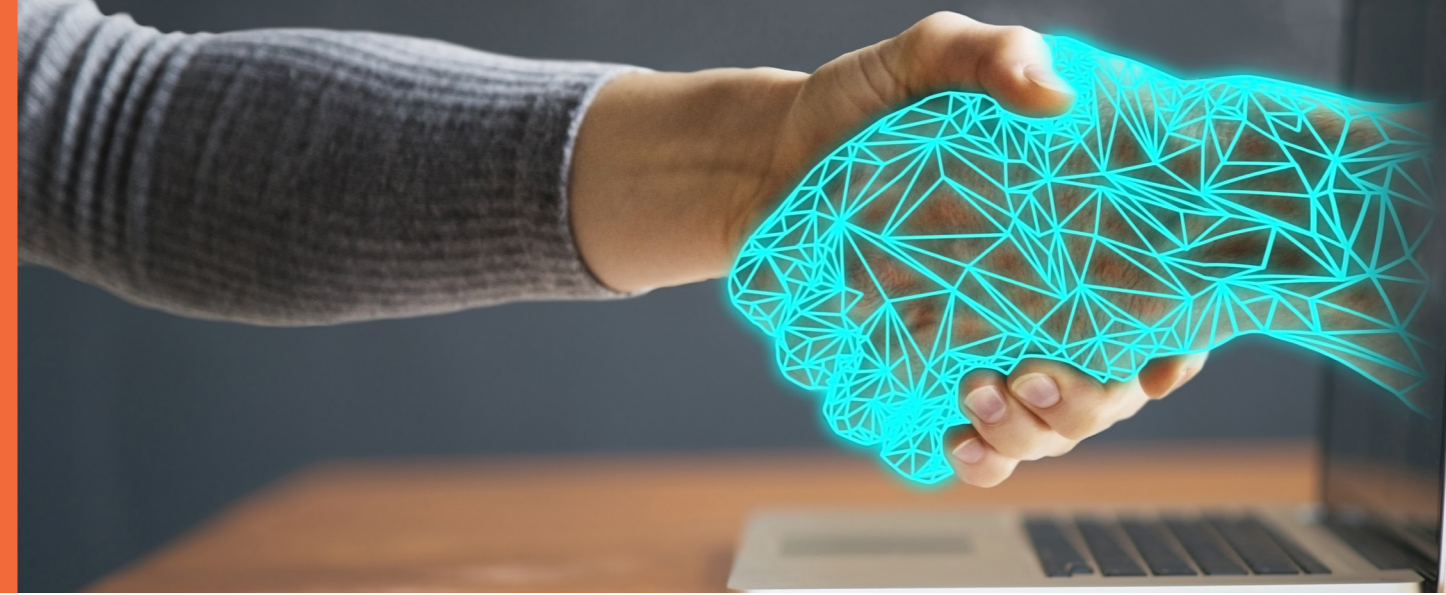




SDG9

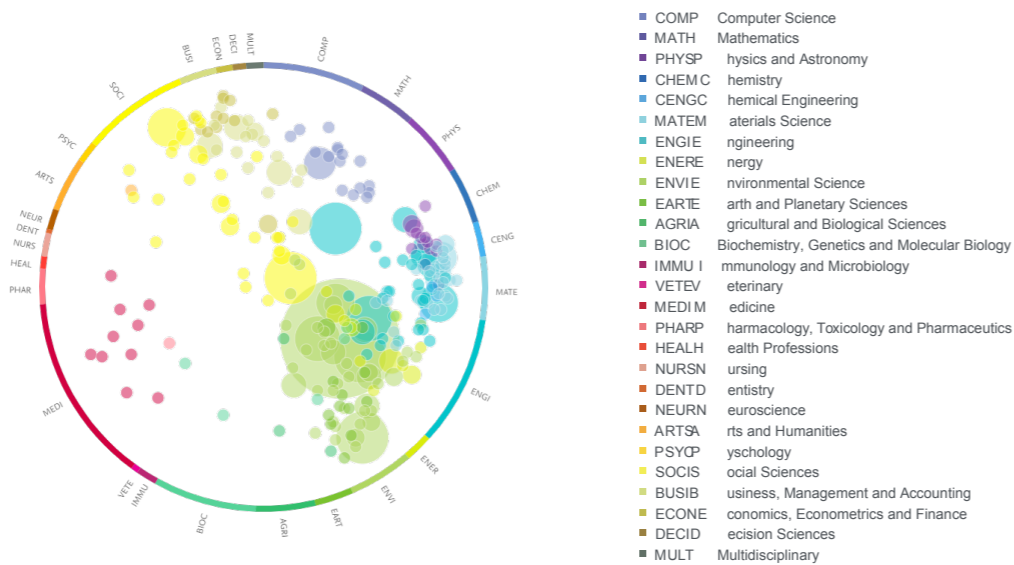
Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

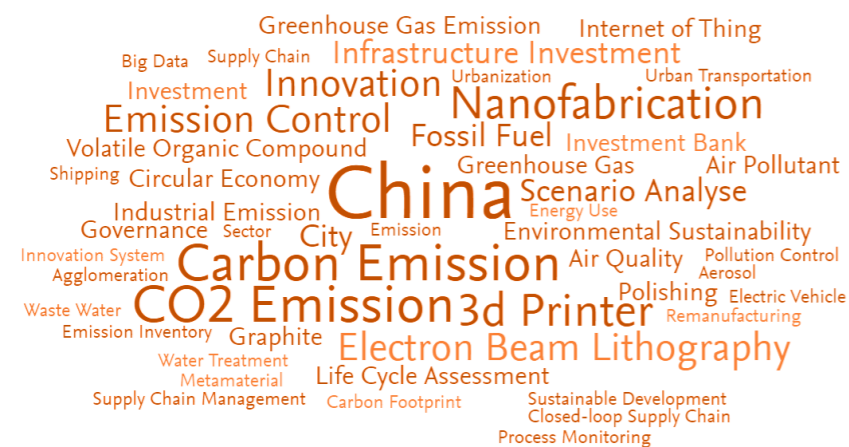


SDG9.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG9.2 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 211 |
| | Number of graduate degree programs | 81 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 14 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 2700 |
| | Number of publications in Chinese and foreign languages | 52 |
| | Number of patents | 337 |
| | Number of output transformation | 8 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 119 |
| | Number of university-level think tanks | 1 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 111 |
| | Number of social training program participants | 4611 |
| | Number of online courses (MOOC) | 23 |
| | Number of online course participants (MOOC) (person-times) | 1214722 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 95.80% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 10 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 1272 |
| | Number of news on Fudan University News (English) | 246 |
| | Number of international conferences | 2 |
| | Number of international conference participants | 415 |

*Statistical year: 2020

SDG9.3 Practical Case

9.3-1 Zhangjiang-Fudan International Innovation Center.

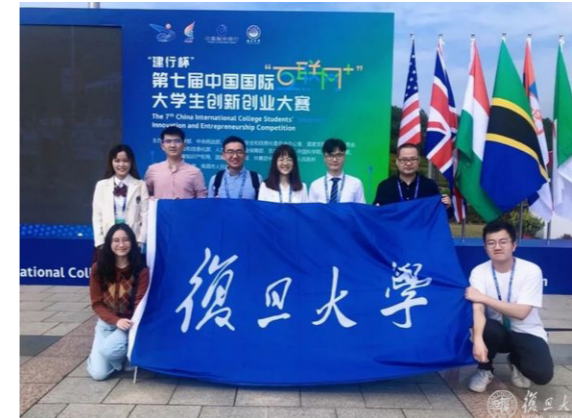


In accordance with the call of the Party Central Committee to "focus on the construction of Zhangjiang comprehensive national science center, and focus on improving concentration and display", Fudan University actively connected with the construction of Shanghai Science and Technology Center, and officially launched the construction of "Zhangjiang-Fudan International Innovation Center" in October 2017. It is deeply integrated into the construction of Zhangjiang Comprehensive National Science Center and Zhangjiang Science City. With the goal of "making great innovations in the field of basic scientific research and making great breakthroughs in key core technology fields", Zhangjiang Fudan International Innovation

Center has determined the "three-step" development idea: Before 2020, cultivate, incubate, and expand information technology, life and health, and their intersection (brain and brain-like intelligence), provide high-level connotation for Zhangjiang National Science Center, and deliver brain and brain-like intelligence to Zhangjiang Laboratory and other major sectors, to promote the start of the first phase of construction, and build a number of new scientific and technological institutions; basically complete the basic construction and infrastructure of Zhangjiang Fudan International Innovation Center. Before 2025, promote Zhangjiang Laboratory to become a scientific and technological innovation center with global influence; expand research fields to new energy, environment, ecology and health, as well as future human science and technology, etc., enrich and enhance the connotation of Zhangjiang comprehensive national science center, for Zhangjiang National Laboratory is ready for further reserves. Before 2030, complete the tasks in the construction period, enter the stable development period, realize the overall goal of "building a highland for scientific innovation of Fudan University, and contribute to the construction of a world-class innovative mega-city", and strive to become a model of university innovation. In terms of task organization, Zhangjiang-Fudan International Innovation Center initially took the "Human Phenotype Group" International Science Program, the International Innovation Center for Micro-Nano Electronics and Quantum, and the International Innovation Center for Brain and Brain-like Intelligence as the core. The connotation of the National Science Center for Sexuality is closely connected.



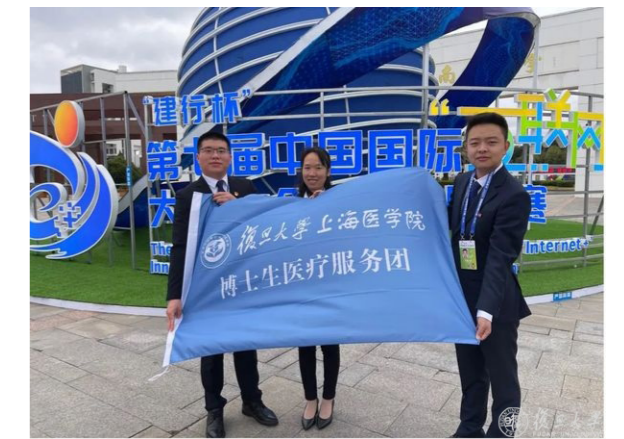
9.3-2 Serving the national development strategy and deepening the educational reform of innovation and entrepreneurship.



Fudan University further promotes the educational reform of innovation and entrepreneurship, strives to create an exemplary and leading innovation and entrepreneurship talent training model with Fudan characteristics for comprehensive research universities, strives to form an innovation and entrepreneurship environment that promotes the development of talents in universities, builds a complete ecological chain of innovation and entrepreneurship, and cultivating influential outstanding innovative and entrepreneurial talents in the future.

After being approved by the Ministry of Education as the first batch of demonstration universities for deepening the educational reform of innovation and entrepreneurship in 2016, Fudan University was approved as a national mass entrepreneurship and innovation demonstration base in June 2017 (among a total of 120 bases, a total of 19 bases in the universities, and 3 in Shanghai).

The University incorporates innovation and entrepreneurship education into the University development plan, and promotes the construction of related systems for innovation and entrepreneurship education. The innovation and entrepreneurship curriculum system are continuously improved, and currently a "two levels, five types" innovation and entrepreneurship curriculum system are formed. Focusing on the school's "2+X training system", the University further created five integrated courses for innovation and entrepreneurship including special courses for innovation and entrepreneurship, courses for innovation and entrepreneurship, practice courses for industry co-construction of innovation and entrepreneurship, high-quality innovation and entrepreneurship courses introduced from overseas, and innovation and entrepreneurship lectures".



9.3-3 Translational Medicine Research Institute of Shanghai (affiliated to Fudan University) Public Health Clinical Center.

Hospitals driven by scientific research and technology are leading the advancement of domestic medical innovation and promoting the upgrading of medical standards. In May 2019, the Translational Medicine Research Institute of Shanghai Public Health Clinical Center was formally established. As a technology-driven hospital, the fundamental task of the Institute is to ensure the safety of people's lives and the treatment of malignant infectious diseases. At present, the technology translational level of the center is among the best in domestic hospitals.

As of the end of 2020, the technical patents transformed by the Shanghai Public Health Clinical Center include 4 vaccines, 2 drugs and 4 medical devices, with a total amount of (patent transfer fees) close to 600 million yuan. The content transformed by the institute is divided into four categories introduced by Zhu Tongyu, director of the Shanghai Public Health Center: the content transformed by the institute is divided into four categories: vaccine products such as influenza vaccines and tuberculosis vaccines, immunology products such as immune antibodies and antiviral sprays, as well as diagnostic reagents and protective materials.





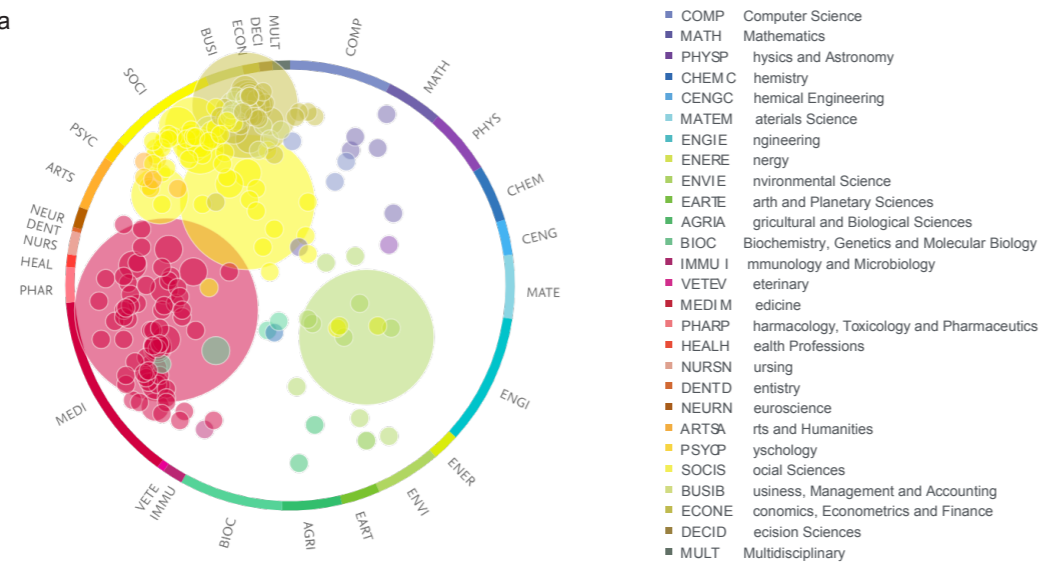
SDG10

Reduce Inequality

Reduce inequality within and among countries.

SDG10.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG10.2 Statistics

| | | |
|--|--|------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 60 |
| | Number of graduate degree programs | 13 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 1 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 25 |
| | Number of publications in Chinese and foreign languages | 18 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 119 |
| | Number of university affiliated research centers | 6 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 21 |
| | Number of social training program participants | 1302 |
| | Students' activities related to the SDGs | |
| | Number of student associations | 4 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 205 |
| | Number of news on Fudan University News (English) | 46 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 70 |

*Statistical year: 2020

SDG10.3 Practical Case

10.3-1 "Take-off Plan" for rural students in colleges and universities.

In order to implement the national deployment and requirements for the promotion of educational equity, in accordance with the spirit of the "National Medium and Long-term Educational Reform and Development Plan (2010-2020)" and other relevant documents, Fudan University further increased the enrolling proportion of rural students, so that more diligent and studious rural students enjoy more hope. Fudan University began to implement the "Take-off Plan" rural special project in 2014, aiming to spread the scientific and humanistic spirit of Fudan University, and select rural household registration students who conform to Fudan University's talent training philosophy, are diligent, studious, independent and self-reliant, and have excellent comprehensive qualities. Outstanding students are given preferential policies for admission to the college entrance examination.

"Never let a student drop out of school due to family financial difficulties", "Never let a student fall behind due to family financial difficulties", this is Fudan University's solemn promise to the whole society. As of 2020, the "Take-off Plan" has been implemented for 7 consecutive years. Outstanding students admitted through the "Take-off Plan" can apply for freshman scholarships in accordance with relevant regulations. There are also dozens of scholarships available for application during the school period. The University has also established a

complete and comprehensive support platform including work-study assistance, student loans, student grants, subsidies for difficulties, tuition reductions and exemptions, green channels, medical assistance, warmth in winter, and charity public welfare stations. In addition to economic assistance measures, the University designs and implements the "Boost Growth Plan" to build five platforms for academic promotion, psychological support, social practice, vision broadening, and innovation and entrepreneurship, providing comprehensive and personalized assistance and support for students to develop.

复旦大学2020年高校农村学生专项“腾飞计划”招生简章

发布时间: 2020-05-06 阅读次数: 45719

为贯彻落实《中共中央国务院关于打赢脱贫攻坚战的决定》(中发〔2015〕34号)、《中共中央国务院关于落实发展新理念加快农业现代化实现全面小康目标的若干意见》(中发〔2016〕1号)、《国务院关于深化考试招生制度改革的实施意见》(国发〔2014〕35号)等文件精神,根据教育部高校学生司《关于做好2020年重点高校招收农村和贫困地区学生工作的通知》(教学司〔2020〕1号)的具体要求,复旦大学2020年继续实施“腾飞计划”,进一步落实国家脱贫攻坚战略,畅通农村和贫困地区学子纵向流动渠道,让更多勤奋好学的农村学子获得享受中国最优质教育资源的机会,选拔符合复旦大学人才培养理念、勤奋好学、独立自强、学习成绩优秀、具有发展潜质的农村学生,对通过选拔的优秀学生给予高考录取优惠政策。

10.3-2 Help the front line to overcome the difficulties together! Fudan Postgraduate Education Support Group is in action.



Fudan University is one of the first 16 universities to respond to the call of initiating of Postgraduate Education Support Group of the Chinese Youth Volunteer Poverty Alleviation Relay Program by the Central Committee of the Youth League and the Ministry of Education. Every year, outstanding youth selected from hundreds of applicants go to seven schools in Xiji, Ningxia, Xifeng, Guizhou, Baicheng, Xinjiang, and Yongping, Yunnan. The

University has been carrying out education support and poverty alleviation in a five-in-one manner with "teaching, home visits, funding, culture, and publicity" for consecutive 20 years. In the past 20 years, a total of 321 volunteers from the teaching support team went to the west of the motherland to take root in the front line to carry out teaching support. It is one of the universities with the largest number of dispatches in the country.

Since the outbreak of the pandemic, the Fudan University Postgraduate Education Support Team has actively responded to the Central Committee's call for "hand in hand with the families of front-line medical staff in the fight against the pandemic" and "Emergency Volunteer Service for Epidemic Prevention and Control", and actively cooperated with the University's "Suspension of classes without suspension of learning". With the themes of "Five Ones: One Short Video, One Letter of Proposal, One Handwritten Newspaper, One Online Tutoring Class, and One Volunteer Training", the Group carried out voluntary services

with rich content and clear themes, practicing the voluntary service spirit of "dedication, friendship, mutual assistance, and progress".



10.3-3 China Disabled Persons' Federation Fudan University Barrier-free Environment Research Base.



In December 2019, with the support of the China Disabled Persons' Federation and Fudan University, the China Disabled Persons' Federation Fudan University Barrier Free Environment Research Base was established. The base aims to work with the China Disabled Persons' Federation, based on the goals, needs and characteristics of China's current barrier-free environment construction, forward-looking a series of policy recommendations, solve major theoretical, policy and practical issues, and effectively promote barrier-free environment construction, providing comprehensive and diversified think tank support for the construction of barrier-free environment in China. In recent years, taking advantage of Fudan University's

comprehensive disciplinary advantages, barrier-free environment research has been provided excellent conditions. Among them, health management, management science, public health and other disciplines provide important technical support for the solution of barrier-free environments. The research team of the China Research Center on Disability Issues at Fudan University, led by Professor Lv Jun, has been committed to conducting research on the public health of vulnerable groups since 2000. In 2015, the China Research Center on Disability Issues at Fudan University was formally established. Based on the status quo and characteristics of China's disability prevention and the development of the cause of the disabled, the center will put forward a series of policy recommendations to solve major theoretical, policy and practical issues, and promote the development of related teaching and research of disability issues, providing decision-making support for the governance of disability issues in China.

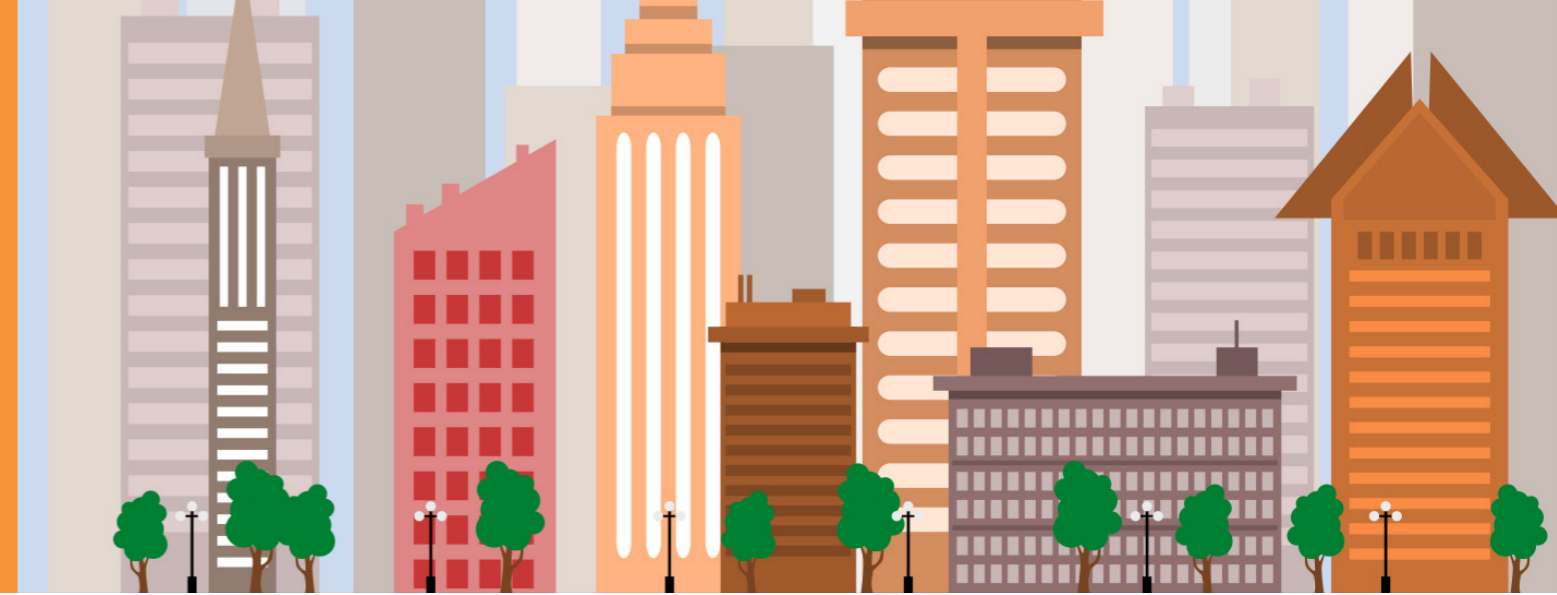




SDG11

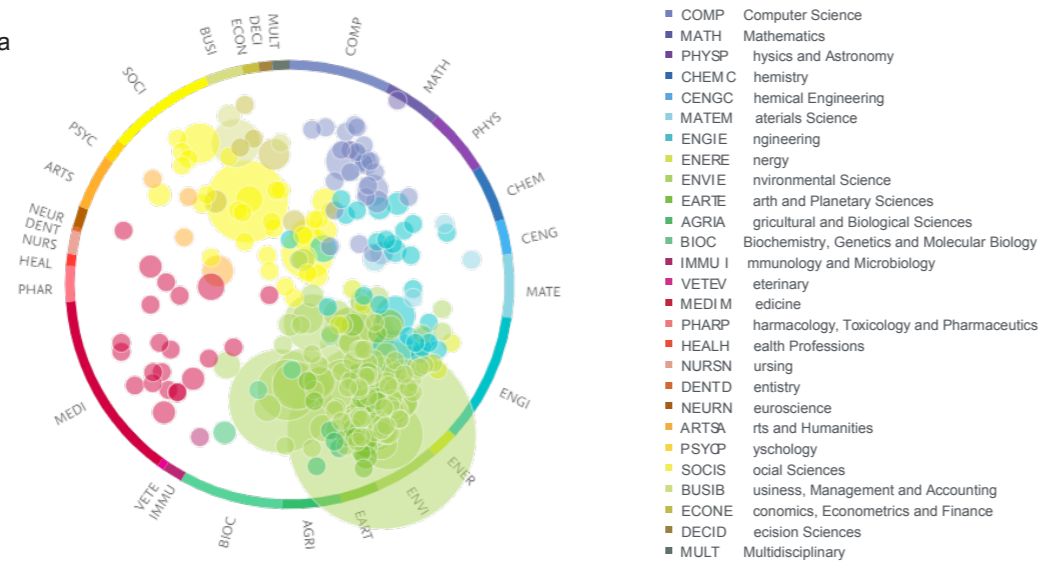
Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient and sustainable.



SDG11.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG11.2 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 77 |
| | Number of graduate degree programs | 39 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 9 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 330 |
| | Number of publications in Chinese and foreign languages | 21 |
| | Number of patents | 9 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 28 |
| | Number of university-level think tanks | 3 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 105 |
| | Number of social training program participants | 5219 |
| | Number of online courses (MOOC) | 1 |
| | Number of online course participants (MOOC) (person-times) | 3397 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 100.00% |
| | Number of student team of social practice program | 1 |
| | Number of student participants in social practice program (person-times) | 10 |
| | Students' activities related to the SDGs | |
| | Number of student associations | 6 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 110 |
| | Number of news on Fudan University News (English) | 143 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 20 |

*Statistical year: 2020

SDG11.3 Practical Case

11.3-1 Smart City Research Center of Fudan University.



The Smart City Research Center of Fudan University is affiliated to the School of Management of Fudan University. The main department of the school is the Department of Information Management and Information Systems, gathering domestic top smart city-related academic, corporate, and government resources. The center aims to face the strategic needs and application research of urban management and development in the future. With the help of the school's complete disciplinary system, strong faculty team, outstanding scientific research strength, excellent talent team, extensive international exchanges, authoritative

international certification and capabilities of in-depth enterprise cooperation, through cross-field and multi-disciplinary in-depth inter-crossing and integration, the center establishes a resource optimization and sharing mechanism integrating government, enterprise, industry, university and research. It promotes academic, management and application innovation in the development of smart cities, practices organizational vision of smart cities making cities better, contributing to the realization of refined operation and intelligent development of various fields in the future city. In October 2020, the School of Management of Fudan University and the Shanghai Academy of Social Sciences jointly organized the "Sustainable Smart City Forum". The concept of "Sustainable Smart Cities: The Role of Science and Technology and the Public Sectors" put forward by the forum is in line with the spirit of the United Nations "2030 Agenda". The Global Smart Capital Report (2020) and the World Public Sector Report (2019) were officially released on the forum.



11.3-2 Fudan University won the "2020 Excellence Award of Smart Campus".

"China Smart University CIO Shanghai Forum" was held in Pudong, Shanghai from October 29 to 30, 2020. At the forum, the "2020 Excellence Award of Smart Campus", "2020 Leap Award of Smart University" and other awards were announced. Fudan University won the "2020 Excellence Award of Smart Campus". Fudan University attaches great importance to the construction of internet application platform and product service system that meets the needs of teachers and students, and regards "Internet +" as an important driving force for deepening the comprehensive reform of education under the new situation. By cooperating with excellent internet platforms such as Tencent WeChat and WeSchool, and giving full play to its own advantages in human resources, the University promoted the construction of "Internet +" smart campus as a whole, achieving fruitful results in campus teaching, scientific research, management, service and other fields, forming a number



of innovative products and putting them into practical applications effectively. Some applications have become best practice cases of the universities. Take Fudan eHall as an example. Currently eHall has covered more than 200 services such as life service, student affairs, scientific research service, teaching affairs and teaching, personnel service, IT service, foreign affairs service, asset finance, etc. According to the situations teachers and students use it, eHall made service aggregation, covering more than 30,000 teachers and students, basically replacing the service functions of most business systems for teachers and students and all the main approval and service processes of campus management.



11.3-3 Shanghai Urban Operation Management Center and Fudan University signed a cooperation agreement.

In October 2020, in order to thoroughly implement the spirit of important speech of General Secretary Jin Ping's inspection of Shanghai, and to improve the governance capacity and level of socialist modern international metropolises, Shanghai Urban Operation Management Center and Fudan University give full play to their respective advantages to jointly promote in-depth cooperation and collaborative innovation in terms of scientific research, application and personnel training. According to the cooperation agreement, the Shanghai Urban Transport Center included the School of International Relations and Public Affairs of Fudan University as a member of the partnership program. The School of International Relations and Public Affairs will participate in the relevant work of the Shanghai Urban Transport Center in the form of personnel exchanges, project research, decision-making consultation, and attending the meetings as a nonvoting delegate to assist the Transport Center carrying out the process reengineering and innovation of the system and mechanism of "One Network, Unified Management", and summarizing the Shanghai experience and Shanghai model of "One Network, Unified Management" in modern megacities. The School of International Relations and Public Affairs of Fudan University will use an international platform to summarize and jointly release the results of the construction concept of "One Network,

Unified Management" in Shanghai, to form Shanghai experience and Shanghai model and carry out international dissemination. At the same time, the Digital and Mobile Governance Laboratory of the School of International Relations and Public Affairs of Fudan University will be established as additional laboratory with the name of "One Network, Unified Management • Urban Digital Governance Laboratory" and serve as a service base for the Shanghai Urban Transport Center to provide decision-making, simulation and other services and platform support for the cadre training of the center.



11.3-4 Youth Innovation Competition on Global Governance.

The Youth Innovation Competition on Global Governance (YICGG) was jointly initiated by Fudan University and the United Nations Development Program. Over the past 15 years, the competition has continued to explore the establishment of an all-round cooperation mechanism integrating government, enterprises, universities, and social organizations, and jointly builds an effective platform for young people to participate in global governance through innovating ideas, strengthening collaboration, and continuously improving the competition level. So far, a total of 2,096 players of 531 teams from more than 290 universities of 187 countries and regions have participated in the competition, with nearly 640 global governance plans being collected. In 2019, YICGG began to build a core university work network, inviting the most representative universities, multinational think tanks, youth diplomatic societies, and non-governmental organizations from various countries to build a global cooperation framework, promoting YICGG to transform from a single event

to a long-term mechanism for youth global governance. At present, seven universities and institutions from all over the world have joined in YICGG, including Kobe University, University of Latvia, Ruhr University Bochum, China-Nepal Friendship Forum, and the University of Indonesia.



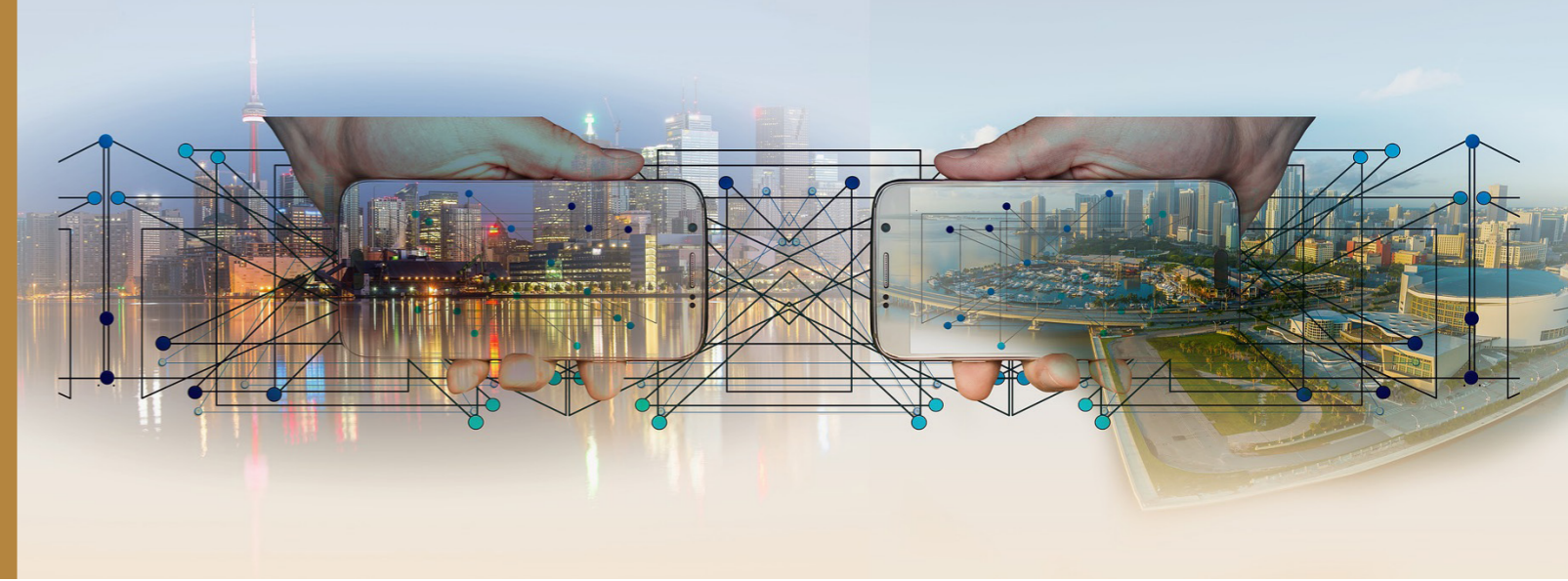
12 RESPONSIBLE CONSUMPTION AND PRODUCTION



SDG12

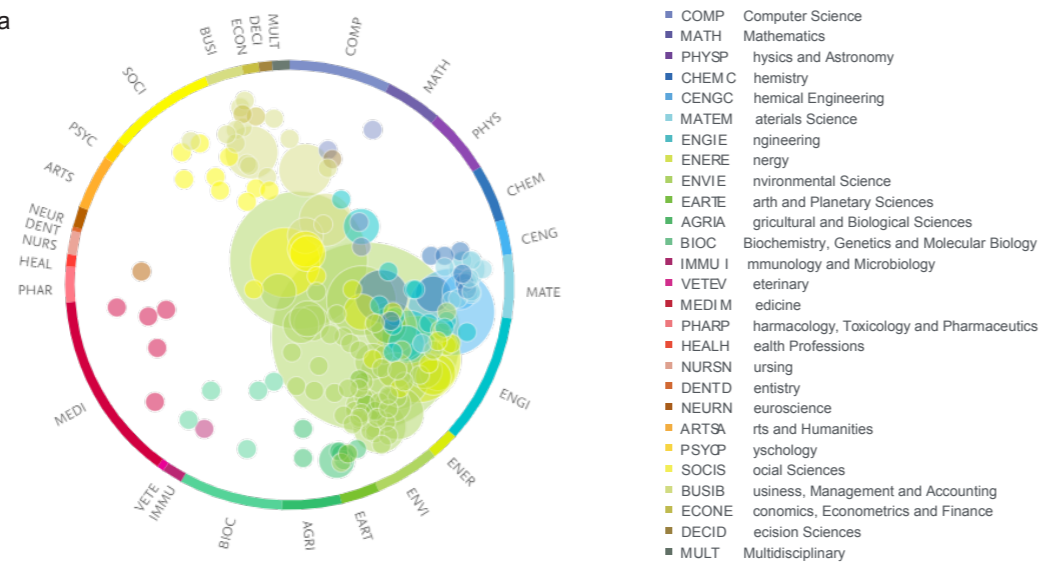
Responsible Consumption and Production

Ensure sustainable consumption and production patterns.



SDG12.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG12.2 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 57 |
| | Number of graduate degree programs | 81 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 0 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 61 |
| | Number of publications in Chinese and foreign languages | 0 |
| | Number of patents | 27 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 17 |
| | Number of university-level think tanks | 1 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 17 |
| | Number of social training program participants | 680 |
| | Number of online courses (MOOC) | 1 |
| | Number of online course participants (MOOC) (person-times) | 40478 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 100.00% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 0 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 32 |
| | Number of news on Fudan University News (English) | 12 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 100 |

*Statistical year: 2020

SDG12.3 Practical Case

12.3-1 The Developers Alliance of the Yangtze River Delta Integration Demonstration Zone.

In August 2020, the inaugural meeting of the Developers Alliance of the Yangtze River Delta Eco-Green Integrated Development Demonstration Zone and the first meeting of the founding members of the alliance was held. At the meeting, the founding member units of the alliance jointly signed the "Agreement of the Developers Alliance of the Yangtze River Delta Eco-Green Integrated Development Demonstration Zone". Fudan University participated as one of the 12 founding member units. Currently, there are 12 founding members of the alliance, including Three Gorges Group, Alibaba, Huawei, Fudan, etc. In recent years, Fudan has carried out a series of work around the integrated development of the Yangtze River Delta. The first is to strengthen the function of innovation policy source, take advantage of the strength of the whole school, focus on the three key areas of integrated circuits, artificial intelligence, and biomedicine, accelerate breakthroughs in key core technologies and technology bottlenecks, and lay out the "innovation chain" around the "industrial chain". The second is to improve the service level of advisory services, establish the Yangtze River Delta Integrated Development Research Institute, and take the lead in the establishment of the Yangtze River Delta University Think Tank Alliance together with "East China Five Universities". The third is to create a highland of integrated education, jointly build a world-class academic consortium, share high-quality higher education resources, create a major technological innovation carrier, jointly attract high-level innovative talents, and jointly organize an international university cooperation network. The fourth is to promote the sharing of medical resources, give full play to the high-quality resources of affiliated hospitals, and carry out in-depth cooperation with hospitals in the Yangtze River Delta region to provide "homogeneous, high-level" diagnosis and treatment in the Yangtze River Delta region.



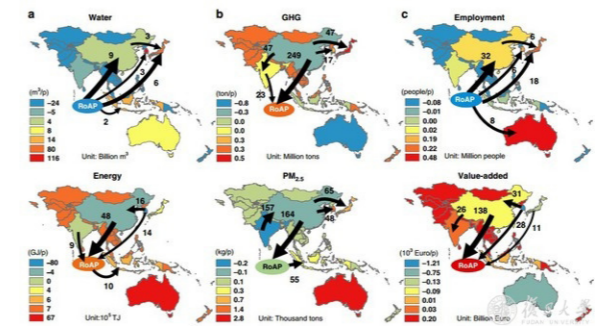
12.3-2 "Environmental Impact Report of Fudan University Radiation Hazard Remediation Project".

In September 2020, Fudan University issued the "Environmental Impact Report of Fudan University Radiation Hazard Remediation Project". Based on the radioactive source items of Fudan University's outdoor bunkers and to-be-decommissioning laboratories of the environmental science building and the decommissioning plan determined by the "Fudan University Radiation Hazard Remediation Service Procurement Implementation Plan", the report evaluated the environmental impact and whether the impact complies with relevant national laws and regulations, demonstrated the environmental impact of the decommissioning plan, so as to provide a basis for the implementation of the decommissioning plan. The environmental impact may be caused by construction operations such as decontamination, disassembly, dismantling, and waste management during the decommissioning of Fudan University outdoor bunkers, the to-be-decommissioning laboratories of the Environmental Science Building (Isotopic Radioactive Source Research Laboratory (room 147, 149, radioactive waste source



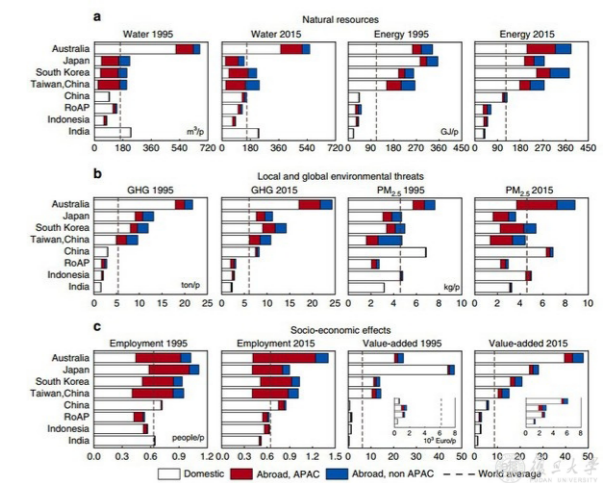
room), and the temporary storage laboratory of radioactive waste liquid in the Environmental Science Building (Room 148).

12.3-3 The research result of Wang Yutao's research group on the environmental-social-economic footprint of consumption and trade in the Asia-Pacific region was published in "Nature-Communications".



Pacific region during the study period (1995-2015), changes in the Asia-Pacific internal and external connection during the process of globalization, and compared the difference between Asia-Pacific and global in terms of footprint and trade intensity. The research results provided an important reference for the Asia-Pacific region to achieve green transformation and regional sustainable development.

In September 2020, the internationally renowned academic journal Nature Communications published an online research article entitled "Environmental-Social-Economic Footprints of Consumption and Trade in the Asia-Pacific Region". The research was carried out in cooperation with Wang Yutao's research group from the Department of Environmental Science and Engineering of Fudan University and Wang Ranran's research group from the University of Twente in the Netherlands. It innovatively established the footprint indicator system of sustainable development from the three dimensions of natural resources, local and global environmental challenges, and socio-economic impacts. Based on a multi-regional input-output analysis method, it revealed the trend of increasing economic interdependence caused by intra-Asian trade in the Asia-



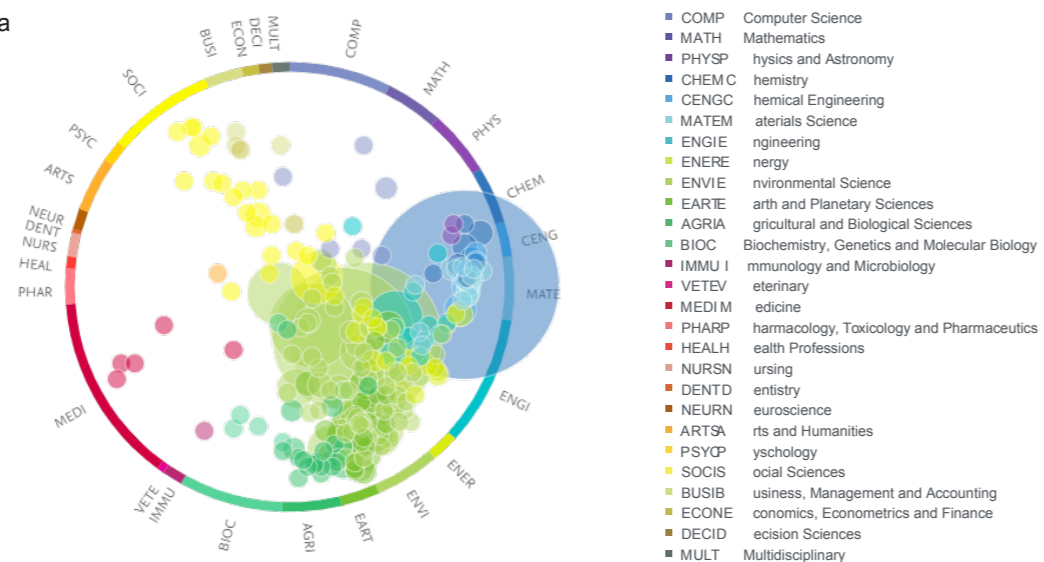


SDG13 Climate Action

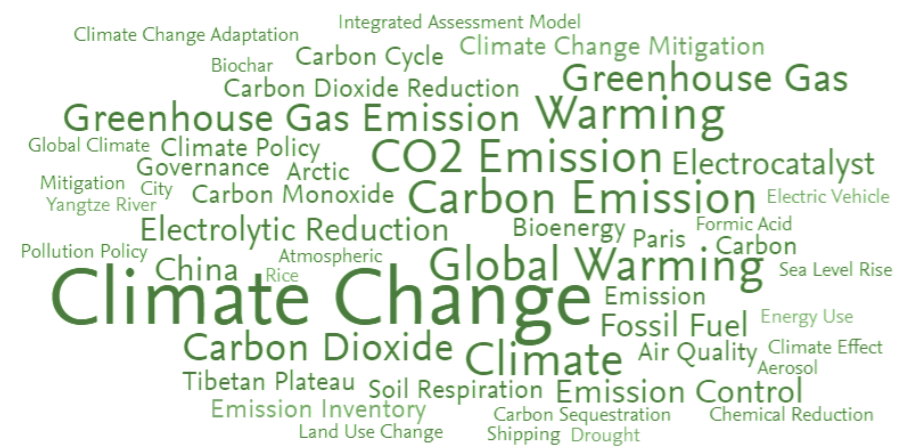
Take urgent action to combat climate change and its impacts.

SDG13.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG13.2 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 84 |
| | Number of graduate degree programs | 3 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 3 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 192 |
| | Number of publications in Chinese and foreign languages | 0 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 5 |
| | Number of university-level thinktanks | 1 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 3 |
| | Number of social training program participants | 136 |
| | Number of online courses (MOOC) | 1 |
| | Number of online courses participants (MOOC) (person-times) | 60139 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 100.00% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 1 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 46 |
| | Number of news on Fudan University News (English) | 14 |
| | Number of international conferences | 3 |
| | Number of international conference participants | 250 |

*Statistical year: 2020

SDG13.3 Practical Case

13.3-1 Fudan University "International Center of Excellence for the Interconnection and Governance of Extreme Weather/Climate Events and Human Health Risks".

The International Center of Excellence – ICoE of Fudan University is the first center of excellence established by IRDR in the mainland of China. It is also the only interdisciplinary integrating professional center under the IRDR International Center of Excellence system that crosses multi-fields including climate change response, atmospheric environmental disaster risk response, public health governance and other fields. The establishment of the center is an important measure for the implementation of major global development agendas such as the United Nations Sendai Framework for Disaster Risk Reduction, the Paris Agreement on Climate Change Responses, and the Sustainable Development Agenda. It is Fudan University's important action to implement a series of national development strategies, and promote the implementation of the initiative of building a community of shared future for mankind focusing on the proposals for the 14th Five-Year Plan for National Economic and Social Development and Long-Term Goals for 2035 national economic and social development. The center is an international innovation cooperation platform led by the Department of Atmospheric and Oceanic Sciences/ Institute of Atmospheric Sciences, Fudan University, with the participation of the School of Public Health, the Department of Environmental Science and Engineering, the School of Big Data, and the Development Research Institute. Academician of the Chinese Academy of Sciences and Vice President of Fudan University serves as the head of the center. The center integrates the resources of the whole University, strengthens the combination of natural science and social science, makes full use of new methods and new tools such as artificial intelligence,

big data analysis, information flow analysis, etc., and researches on topics including atmospheric environmental risk and public health governance, interconnection among extreme climate event risk, public health governance, and multi-hazard risk, and cluster syndrome identification and integrated health management. It promotes Fudan University's large (cross) disciplinary integration and innovation research, strengthens the ability to recognize and grasp the characteristics of global risks and their interconnected clusters, and actively guides Fudan teachers and students to participate in national development and global governance practices, deepening and enhancing Fudan University's international level and international influence.



13.3-2 China Meteorological Administration and Fudan University signed a cooperation agreement.

In December 2019, the China Meteorological Administration and Fudan University signed a cooperation agreement. The signing of this cooperation agreement is an initiative taken by both parties to implement the spirit of General Secretary Jinping's important instructions and the spirit of the Fourth Plenary Session of the 19th Central Committee of the CPC. Fudan University and China Meteorological Administration will jointly innovate cooperation mechanisms, expand resource sharing, deepen the interconnection between the two parties, conduct joint research in multiple fields, actively serve the national meteorological science strategy, and pursue new

breakthroughs in joint scientific research; strive to cultivate national high-end meteorological talents, create a new situation in the joint development of personnel training; take the initiative to connect with the national meteorological science popularization cause, make new progress in the joint development of science popularization activities, and jointly contribute wisdom and strength to China's meteorological modernization cause.



13.3-3 Focus on climate change, and make science popularization first.



In 2020, teachers and students of the Department of Atmospheric and Oceanic Sciences jointly launched a new era science popularization themed practice of climate change based on the initiative of "a Community with a Shared Future for Mankind", which received good response and was awarded Fudan's "2020 University Excellent Project of Graduate Summer Social Practice". The project aims to establish public climate change education



programs for different genders, ages, and educational backgrounds by investigating the public's awareness, attitudes, and willingness to act on climate change. Combining the important nodes of the annual climate change theme, fully relying on online and offline platforms, exploring climate change science popularization models and classified education programs in the forms of popular science article writing, popular science short video production, and popular science and cultural creative design, etc., evoking strong repercussions. During the research, 12 popular science articles with more than 25,000 words were written, which were pushed by public accounts such as "Fudan Blue Youth" and "HefengMuyu Guanghua Fudan" and compiled into books. Sixteen short videos were produced and released, with the number of viewing more than 5,000 times on Douyin, and reading more than 17,000 times on Weibo. Team instructor You Qinglong was invited into the Xiaoyan live room of Bilibili on "3.23 World Meteorological Day" and gave a lecture on "Under the Epidemic: Interpretation of Climate and Water Issues" for all graduate students of the University. Yuan Jiacan wrote an article in the "Fudan General Knowledge" column of "The Paper", titled "Will global warming change the vicissitudes of life?", advocating energy conservation, emission reduction, and low-carbon life to the public.



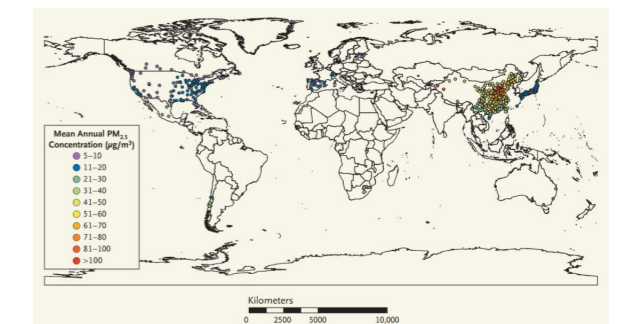
13.3-4 The paper was selected as the best paper of 2019 NEJM, the only one led by team of China.



In December 2019, the editorial office of the New England Journal of Medicine (NEJM), the head of the four major medical journals, announced the best papers of 2019 (12 papers in total). The paper led by Professor Kan Haidong from the School of Public Health of Fudan University and the participation of researchers

from 22 countries or regions: Ambient Particulate Air Pollution and Daily Mortality in 652 Cities was selected as the best paper of 2019, which is also the only one led by a Chinese research team. The research team collected daily mortality and air pollution data from 652 cities in 24 countries or regions, and used a generalized additive model with random effects meta-analysis to study these correlations. This study systematically assessed the impact of particulate air pollution on deaths of residents worldwide for the first time, and explored the distribution characteristics of such impacts in

regions, cities and populations, and fitted a globally representative acute exposure response curve to particulate matter. The research results can provide important epidemiological evidence for the World Health Organization to revise environmental air quality standards and risk assessment, and provide a scientific basis for major countries and organizations to adopt public health measures in the future to reduce the burden of diseases caused by air pollution.





SDG14

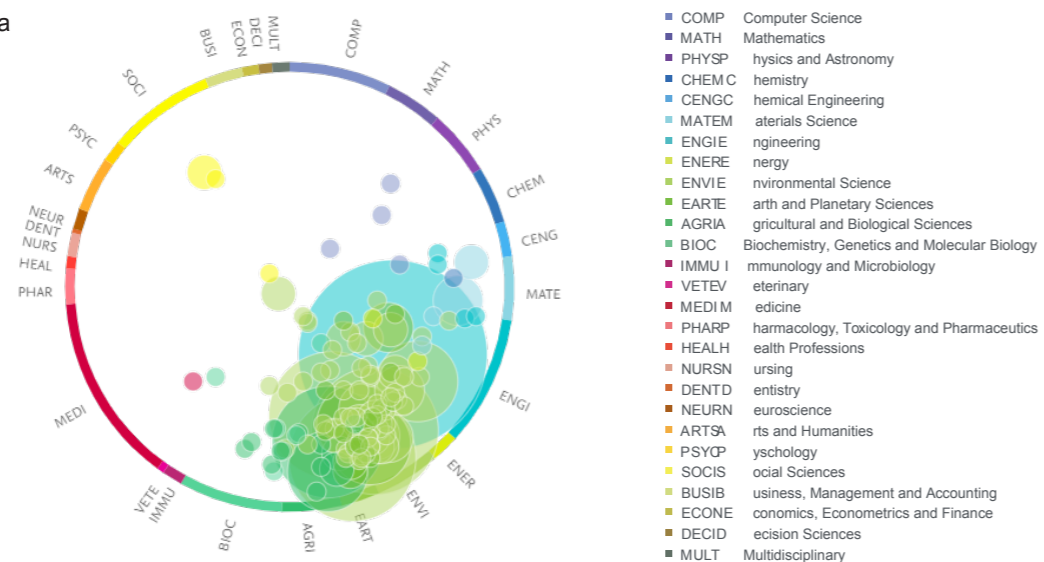
Underwater Creatures

Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

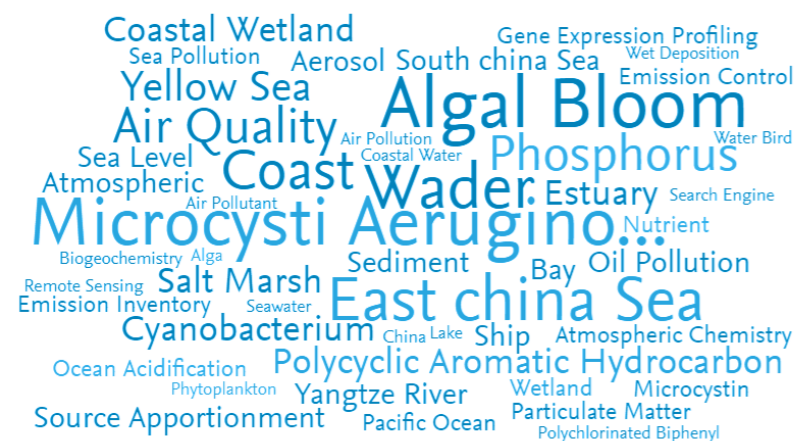


SDG14.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG14.2 Statistics

| | | |
|--|--|-----|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 33 |
| | Number of graduate degree programs | 0 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 0 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 30 |
| | Number of publications in Chinese and foreign languages | 0 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 2 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 5 |
| | Number of social training program participants | 272 |
| | Students' activities related to the SDGs | |
| | Number of student associations | 0 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 6 |
| | Number of news on Fudan University News (English) | 2 |
| | Number of international conferences | 1 |
| | Number of international conference participants | 35 |

*Statistical year: 2020

SDG14.3 Practical Case

14.3-1 Fudan University was approved to build the National Field Scientific Observation and Research Station of the Shanghai Yangtze River Estuary Wetland Ecosystem.



Yangtze River basin and the estuary wetland, and is committed to developing from a traditional wetland research station to a comprehensive multidisciplinary research base. In the past five years, the Shanghai Yangtze River Estuary Wetland Ecosystem National Field Scientific Observation and Research Station has successively undertaken more than 60 various scientific research projects such as the national key research and development plans, the key projects of the National Science and Technology Commission, and the major key projects of the Shanghai Science and Technology Commission. Relying on the achievements of the Shanghai Yangtze River Estuary Wetland Ecosystem National Field Scientific Observation and Research Station, nearly 200 papers have been published in international influential journals such as Science, Nature Climate Change, Nature Plants, and Nature Communications. The research achievements won the second prize of National Science Progress Award, the first prize of Shanghai Natural Science Award, the second prize of Science and Technology Progress Award and many other provincial and ministerial awards, providing important scientific and technological support for the construction of Chongming's world-class ecological island and the implementation of the Yangtze River Economic Belt and Coastal Economic Belt development strategy and the Yangtze River Delta ecological green development integration strategy.



Facing the national strategic needs of the "Yangtze River Delta Integration", Fudan University and Shanghai Chongming Dongtan Nature Reserve Management Office built the Yangtze River Estuary Wetland Field Station to provide an important guarantee for the sustainable development of the Yangtze River Delta region. The Shanghai National Field Scientific Observation and Research Station of the Yangtze River Estuary Wetland Ecosystem aims at the three dimensions of the coastal zone, the



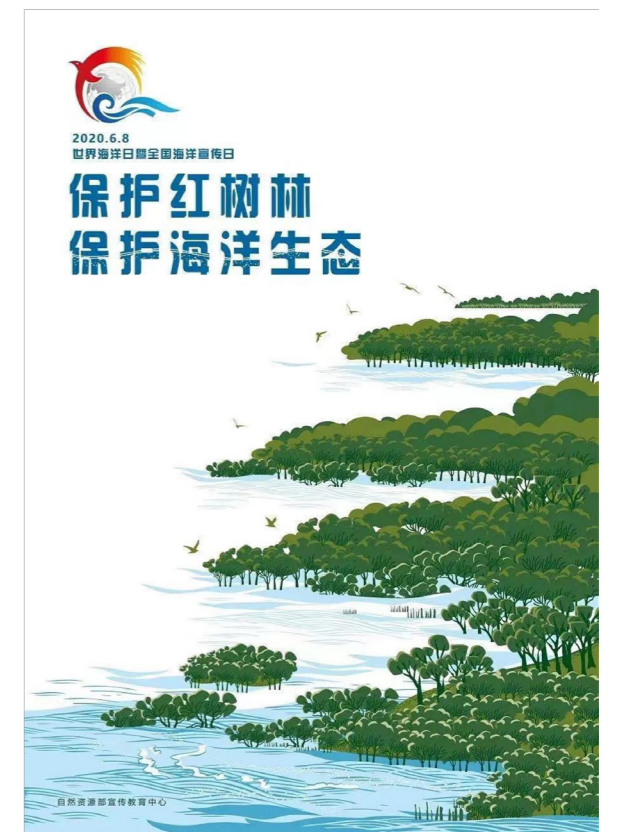
14.3-2 Take the lead in undertaking the national project "Research on the Technology of Independent and Controllable Monitoring and Forecasting of Meteorological Disasters in Two Oceans and One Sea".

The project of "Research on the Two Oceans and One Sea Meteorological Disaster Autonomous and Controllable Monitoring and Forecasting Technology" declared by Professor Wang Guihua of the Department of Atmospheric and Oceanic Sciences/Institute of Atmospheric Sciences of Fudan University received funding from the 2019 National Key Research and Development Program. The project intends to focus on the two oceans and one sea area through independent research and development of equipment and monitoring systems, and builds a large-scale marine meteorological product with high temporal and spatial resolution, revealing the occurrence and development laws and mechanisms of sea gale, sea fog and lightning under the two oceans and one sea complex hydrometeorological conditions, realizing the independent control of the whole chain of ocean meteorological monitoring, communication, forecasting and service, and effectively serving the national marine meteorological development strategy. The successful launch of this project and its subsequent smooth implementation have filled the gaps in China's meteorological observations in important and sensitive ocean areas, improved the core technology of ocean meteorological forecasts, and contributed to the improvement of ocean meteorological services.



14.3-3 Protect mangroves and marine ecology.

The ocean is the largest storage reservoir on earth. The theme of World Ocean Day 2020 is "Protection of mangroves and marine ecology". In a ten-acre field near Shanghai Pudong Nanhui Dongtan Wetlands, a lot of green saplings are planted. This place has a beautiful name—"Zhongyang Mangrove Lingang Base". Mangroves are special forests that transition from land to ocean. They are looming due to the rise and fall of tides. They are the last "ecological barrier" for the transition from terrestrial ecosystems to marine ecosystems. The mangrove ecosystem is one of the most diverse and productive marine ecosystems in the world. Professor Zhong Yang hopes to introduce mangroves to Shanghai to add a "coastal landscape" to the city. Since 2007, Professor Zhong Yang's research group has transported a total of 12,000 seedlings of 10 mangrove species from Zhuhai, Guangdong by truck, and planted them in Shanghai Lingang Area by ground planting. This is the southernmost point of Shanghai, but it is still nearly 3° northward from the original distribution boundary of mangroves. Up to now, the tallest sapling in the experimental field has been more than two meters above the ground. The four mangroves, Sonneratia apetala, Kandeliacandel, Tonghua tree, and Acanthus, have basically adapted to the Shanghai climate and can grow and reproduce normally. This is a great breakthrough in botany, creating the miracle of successfully planting mangroves in the northern hemisphere with the highest latitude. Professor Zhong Yang once said: "My wish is that in 50 or even 100 years, Shanghai's beaches will be full of prosperous mangroves. When people talk about Shanghai, they will not hesitate to call it a 'beautiful coastal city.' Although I may not be able to see this scene, the mangroves in Shanghai will benefit future generations and become a huge treasure—this is our gift to the future of Shanghai."



SDG15.3 Practical Case

15.3-1 Travel 500,000 kilometers in 16 years, filling the "Tibet gap" of the world seed bank.



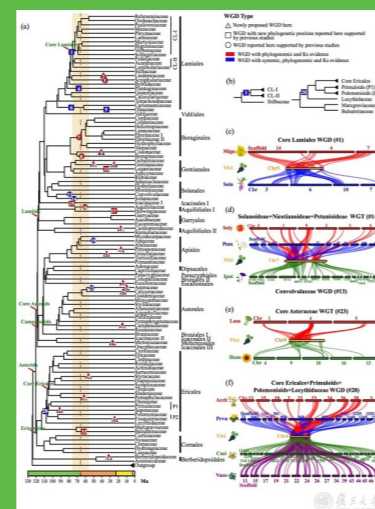
solved the regret that there are no Tibetan seeds in the world's germplasm resources bank. "During the long scientific expedition, I deeply feel that this magical land needs not only a biologist, but also an educator." For many years, Zhong Yang has not only been searching for seeds on his journey, but also helped Tibet University apply for the first doctoral degree in ecology, cultivated the first Ph.D. in botany of the Tibetans, and founded the first innovation team of the Biology of the Ministry of Education in Tibet, enriching and developing Tibet's higher education, and successfully promoting Tibet University's biodiversity research to the world. In the last ten years of his life, Zhong Yang and his team collected seeds that were almost equivalent to one-fifth of the Tibetan species. "Maybe it will take root someday in a few hundred years. By then, many people's dreams will be fulfilled." Zhong Yang has left the footprints of finding seeds for mankind forever on the plateau, but his scientific research spirit of hard work and selfless dedication will continue to influence more people.



"A gene can save a country, and a seed can benefit thousands of people." From 2001 to 2017, botanist Zhong Yang trekked in the snow-covered plateau for 16 years, covering more than 500,000 kilometers. He has collected more than 40 million seeds of thousands of plants, and

15.3-2 The research team of the School of Life Sciences has made breakthrough progress in the phylogenetic research of chrysanthemum.

The research team of Plant Evolutionary Biology, School of Life Sciences, Fudan University, has carried out in-depth research on the framework of angiosperms, and representative families with important economic value, scientific research and ecological significance (such as Cruciferae, Compositae, Rosaceae, Cucurbitaceae) and ferns. In the research on the chrysanthemum plant group, the team obtained tens of thousands of gene sequence data of 210 species through extensive sampling, large-scale RNA sequencing or shallow DNA sequencing in international cooperation, covering a total of 365 species of 102 families of all orders of chrysanthemum combined with other published gene sequence data sets. On July 11, 2020, related research results were published online in the famous journal "Molecular Biology and Evolution" in the field of international evolutionary biology titled "Asteridphylogenomics/phylotranscriptomics uncover morphological evolutionary histories and support phylogenetic placement for numerous whole genome duplications". The research results have significantly advanced the understanding of angiosperm phylogeny, biodiversity and morphological evolution, and genome evolution.



15.3-3 Wang Zimeng, Department of Environmental Science and Engineering, Fudan University, won the 2020 IAGC Ebelmen Award.



In 2020, Wang Zimeng, a researcher in the Department of Environmental Science and Engineering of Fudan University, won the 2020 IAGC Ebelmen Award. The award was created in 2007 to commemorate the legendary French chemist Jacques-Joseph Ebelmen (1814-1852). As one of the three major academic awards of the association, one young scholar who has made outstanding contributions in the field of geochemistry and is under the age of 35 is awarded every two years. The personal profiles of the winners will be published in Elements magazine. Winners of the award will be invited to receive the awards from the president of the association at the main venues of important international geochemical conferences such as Goldschmidt and give keynote speeches in the relevant branch venues.



15.3-4 Dongtai-Fudan Wetland Protection Co-Innovation Center.

In 2019, Fudan University and the Dongtai Municipal People's Government jointly established the Dongtai-Fudan Wetland Protection Co-Innovation Center. The Center aims to promote wetland research and disciplinary construction, serve the local economy and innovation-driven development strategy, strengthen the transformation of the results of advantageous and characteristic scientific research projects, and promote cooperation between the University and local government, and jointly promote the implementation of related achievements and develop technical services. The Center will focus on the new topic of how to protect and sustainably use the world natural heritage sites, and take advantage of Fudan University's comprehensive discipline research to carry out basic or applied research including coastal wetland protection and ecological restoration, bird biodiversity conservation, ecosystem monitoring and assessment of ecological asset in the world's natural heritage sites, to provide continuous scientific and technological services for the protection and utilization of coastal wetlands in Dongtai and related areas.





SDG16

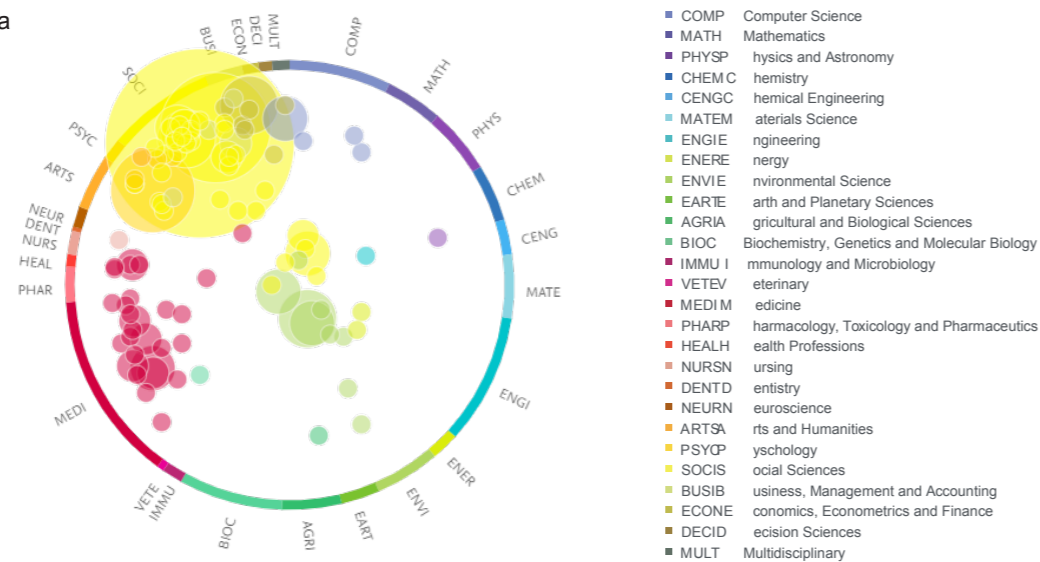
Peace, Justice and Strong Institutions

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.



SDG16.1 Research focus

| Subject Area



| Keyphrases



*Statistical year: 2016-2020

SDG16.2 Statistics

| | | |
|--|--|--------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 123 |
| | Number of graduate degree programs | 18 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 19 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 98 |
| | Number of publications in Chinese and foreign languages | 77 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 56 |
| | Number of university-level think tanks | 4 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 151 |
| | Number of social training program participants | 18204 |
| | Number of online courses (MOOC) | 10 |
| | Number of online course participants (MOOC) (person-times) | 275105 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 98.70% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 0 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 175 |
| | Number of news on Fudan University News (English) | 183 |
| | Number of international conferences | 3 |
| | Number of international conference participants | 200 |

*Statistical year: 2020

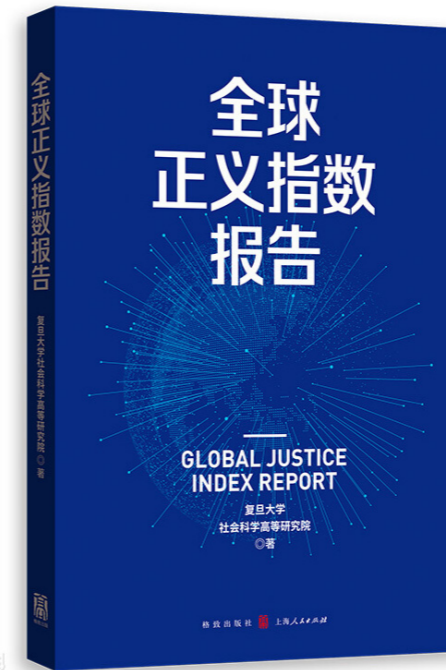
SDG16.3 Practical Case

16.3-1 Fudan Institute of Belt and Road and Global Governance.

Fudan Institute of Belt and Road & Global Governance (BRGG) is a newly launched university-level interdisciplinary research institution that focuses on the research of Belt and Road (B&R) and global governance. Guided by General Secretary Xi Jinping's speeches and new ideas, thoughts and strategies for state governance and administration, BRGG commits itself to promoting the collaborative construction of the Belt and Road, a proactive and constructive China's role in global governance, and the building of a community of shared future for mankind at a new historical starting point. By drawing the research strength from multiple disciplines within the university, focusing on real issue studies, connecting leading research institutions and relevant stakeholders at home and abroad, BRGG strives to establish itself as a professional high-end think tank and a talent training platform. BRGG aims to be a key supporting think tank under the national B&R Think Tank Cooperation Alliance, as well as to assist Shanghai's effort to play a bridgehead role in China's Belt and Road initiative. The Institute integrates multiple functions such as research and consultation, education and training, and cooperation and exchanges. While playing the role of a core think tank, through multidisciplinary cooperation, it cultivates "Belt and Road" and global governance research and practical talents at home and abroad, promotes cooperation between the universities and local government, and cooperation between the universities and enterprises, builds an international think tank network for the "Belt and Road" initiative, creates a brand for the "Belt and Road" and the Global Governance Forum, promotes the exchange of governance experience, and provides Chinese wisdom, Chinese experience, and Chinese solutions for global governance. The institute integrates multiple functions such as research and consultation, education and training, and foreign exchanges to build an international brand for "Belt and Road" and global governance research and services for the University, and builds a national-level important think tank for the "Belt and Road" Initiative and global governance mechanisms to serve Shanghai's effort to play a bridgehead role in China's Belt and Road initiative, and provide theoretical innovation and policy consultation for the national strategy of the "Belt and Road" Initiative.



16.3-2 "Global Justice Index Report".



In 2020, Fudan University released the "Global Justice Index Report", which provides the Global Justice Index and Global Countries' Evaluation Rankings from 2010 to 2017. It measures and evaluates the performance and contribution of nation-states in advancing global justice. It is the first report in the field of global justice indexation research at home and abroad. The Institute for Advanced Social Sciences of Fudan University, has long been committed to researching the Global Justice Index, aiming to conceptualize and quantitatively evaluate the performance and contribution of the countries in promoting global justice. The "Report" provides the Global Justice Index and global country evaluation rankings from 2010 to 2017. From the perspective of analysis of the countries, the rankings show that China, the United States, Germany, and the United Kingdom rank among the top in the world on the Global Justice Index, and China ranks first among developing countries. In terms of issues, China ranks in the forefront of counter-terrorism, education, public health, and protection of women and children, ranking first in the world in part of the years. As the first attempt to measure the performance and contribution of nation-states in advancing global justice, the Global Justice Index Report, on the one hand, displays a rich and comprehensive state of global justice, provides guidelines for those who wish to see the annual performance and trends of global justice. On the other hand, it can serve as a barometer for the international community to practice and supervise the development of global justice in different subject areas, and help policymakers and international organizations in various countries to design policies and integrate resources more effectively.

16.3-3 Lancang-Mekong Youth Exchange and Cooperation Center.

The Lancang-Mekong Youth Exchange and Cooperation Center was formally established on July 22, 2019. The secretariat is located at Fudan University. This is an inter-state functional platform of the Lancang-Mekong cooperation mechanism established after the Lancang-Mekong Water Resources Cooperation Center and the Lancang-Mekong Environmental Cooperation Center. It is committed to creating an international platform for cultural exchanges, youth development, and higher education cooperation in the region, providing a full range of services for the exchanges, cooperation and common development of universities and young people in the Lancang-Mekong basin. Since its establishment, the center has focused on the actual needs of the sustainable development of young people in the Lancang-Mekong basin, insisting on building this functional platform for multilateral and bilateral cooperation within the framework of the Lancang-Mekong cooperation mechanism. Starting in 2020, the

center has invited universities from all over the world to jointly design and implement the "Three-Year Lancang-Mekong Youth Innovation and Development Action (2020-2022)", which mainly includes four aspects: innovation and entrepreneurship education actions, international social practice actions, innovative talent training actions, and wisdom achievement sharing actions, promoting youth exchanges to a new level with pragmatic cooperation. In the next step, Fudan University will continue to leverage its own advantages to better serve the construction of the Lancang-Mekong Youth Exchange and Cooperation Center, explore the establishment of a round-the-clock exchange platform, integrate relevant universities and local resources, continue to expand the cooperation network, and actively meet with national strategies, contribute Fudan's wisdom and strength to promote Lancang-Mekong Youth Exchange and Cooperation Center to a higher level and wider range of development.





SDG17

Partnerships for the Goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

SDG17.1 Statistics

| | | |
|--|--|---------|
| | Courses and Degree programs related to the SDGs | |
| | Number of undergraduate courses | 92 |
| | Number of graduate degree programs | 18 |
| | Campus events for students related to the SDGs | |
| | Number of campus events (lectures, workshops, exchanges) | 166 |
| | Outputs and transformation of scientific research related to the SDGs | |
| | Number of research projects | 153 |
| | Number of publications in Chinese and foreign languages | 45 |
| | Research institutes related to the SDGs | |
| | Number of university affiliated research centers | 42 |
| | Number of university-level think tanks | 2 |
| | Social training towards public and social practice program towards students related to the SDGs | |
| | Number of social training programs | 18 |
| | Number of social training program participants | 1158 |
| | Number of online courses (MOOC) | 2 |
| | Number of online courses participants (MOOC) (person-times) | 157952 |
| | Percentage of off-campus learners enrolled in online courses (MOOC) | 100.00% |
| | Students' activities related to the SDGs | |
| | Number of student associations | 3 |
| | News articles related to the SDGs | |
| | Number of news on Fudan University News (Chinese) | 568 |
| | Number of news on Fudan University News (English) | 245 |
| | Number of international conferences | 2 |
| | Number of international conference participants | 75 |

Statistical year: 2020

SDG17.3 Practical Case

17.2-1 Build a global educational partnership.



In recent years, on the basis of maintaining existing cooperative relations, Fudan University has developed a new pattern of cooperation, especially strengthening cooperation with countries and regions along the "Belt and Road". The University actively participated in the construction of the Guangdong-Hong Kong-Macao Greater Bay Area International Education Pilot Demonstration Zone, and strived to deepen cooperation with Hong Kong and Macao universities. Fudan will continue to consolidate a variety of cooperation methods with emerging economies, optimize international cooperation networks and platforms, and give full play to Fudan's leading role in such alliances as Fudan-Latin American University Alliance, BRICS Alliance, and China-Pakistan Economic Corridor University Alliance, maintain to be active in U21, APRU, and AEARU, and deepen the advantageous cooperation

platforms such as the Nordic Center and Austria Center. Fudan will continue to promote the brand building of Latin American "seed funds", the BRICS summer program, and other flagship projects, actively participate in the activities of the Arctic University Alliance, encourage and support schools to join or lead new cooperation alliances based on scientific research cooperation, expand the influence and output of existing international cooperation alliances, enhance Fudan University's academic influence in the world, and build the alliance into collaborative innovation base for high-end talents and young talents in emerging economies.

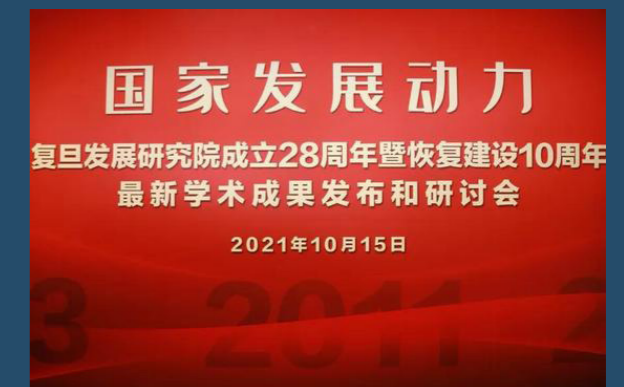


17.2-2 Development Institute.



The Fudan Development Institute is one of the earliest college think tanks established in China since the reform and opening up. It is also one of the "Top Ten Influential Think Tanks in China" and the "First Batch of Shanghai Key Think Tanks." The institute focuses on "China Development Research", driven by "deep integration of disciplines", extended by "overall management incubation", and characterized by "high-end academic operations". The Institute is an interdisciplinary, comprehensive and international research institution. It is also an overall management organization of think tanks at the university. That is, the Development Institute is in charge of Fudan's three core professional think tanks – the China Research Institute, the Institute of Belt and Road and Global Governance, and the Institute of International Studies. At the same time, it continues to improve and incubate numerous think tank institutions and research institutions with decision-making consulting functions, realizing overall planning and coordinated development. The Institute gives full play to the comprehensive advantages of Fudan University's liberal arts, sciences and medical engineering disciplines and its influence at home and abroad. It is "open to build think tank", gathers people and wisdom,

and forms a "Fudan-Shanghai-China-World" multi-dimensional research network. The Institute incubated and nurtured 20 research centers, China's first overseas China Research Center, International Think Tank Center, Fudan-Latin American University Alliance, and BRICS University Alliance. It closely integrates "inviting in" and "going out" to form an all-round and multi-channel international cooperation network, contributing to national development and human progress with Fudan's accomplishment, Chinese plan, and respond to the concerns of the world.



RESEARCH TEAM

Chief Writer:

Wu Libo

Writers:

Pan Junwei

Chen Lin

Zhang Xing

Ma Ziye

Zhang Yiting

Lin Shan

Xia Tianyi

Wang Qingqing

Zhang Qian

Jiang Shanshan

Dai Jie

Yang Yan

