

CIESC
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The Chemical Industry and Engineering Society of China (CIESC)

Serve science and technology workers, innovation-driven development, the improvement of national scientific literacy and scientific decision-making for government.



CIESC Website



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(China Mainland)



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President's Address

Dear members of CIESC and friends,

"When the year renews, all things bloom, when the phoenix sings, a fresh start comes." As we bid farewell to the old year and embrace the new, on behalf of the Council of The Chemical Industry and Engineering Society of China (CIESC), I'd like to extend sincere greetings and best wishes to all our colleagues in the chemical industry and members of CIESC, as well as to leaders and friends paying attention to and supporting the development of CIESC all along the way.

Looking back on 2025, guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, we thoroughly studied and implemented the guidance of the 20th National Congress of the Communist Party of China (CPC) and all Plenary Sessions of the 20th CPC Central Committee. Firmly adhering to the responsibility of the "Four Services", we united and led colleagues in the chemical industry to actively serve major national strategic needs and common industrial demands, empower industrial transformation and upgrading, promote international exchanges and cooperation, and foster and develop new quality productive forces with remarkable results in various tasks, making important contributions to building China into a world-class sci-tech strength and writing a new chapter in Chinese path toward modernization.

In 2025, keeping the "Major National Initiatives" in mind, we significantly enhanced our capabilities in providing all-round services for the high-quality development of the chemical industry. We pooled high-end think tank resources to conduct research and put forward consultation and suggestions for decision-making such as "Building a New Smart Fiber Industry and Creating a New Track for Flexible Materials". We systematically assessed the supply chain disruption risks in industries including coatings, dyes and specialty chemicals, and compiled a series of industrial technology roadmaps and development reports such as the Technology Roadmap for China's Electronic Specialty Gases Industry, ushering in the direction for sci-tech innovation and industrial development. We prepared research reports to support

relevant regions in solving the problems in the development of the chemical industry, organized expert teams to conduct in-depth research in Guizhou, Guangdong and other places, accurately empowering regional industrial upgrading. We conducted in-depth investigations in enterprises to promote efficient and accurate industry-university-research collaboration, and facilitated the implementation of numerous sci-tech cooperation programs.

In 2025, adhering to academic leading, we successfully held WCCE12 and made remarkable achievements in building the brand of a national-level science popularization center. With the theme of "Paradigm Shifting in Chemical Engineering for Global Challenges", WCCE12 & APCChE 2025 were held in China for the first time, boasting an unprecedented scale and presence. More than 5,000 representatives from 66 countries and regions worldwide and over 130 global leading enterprises exchanged ideas and deepened cooperation via this platform, witnessing the magic of "Chemistry creating all things", co-writing a new chapter in the development of chemical engineering in the intelligent era and becoming a significant milestone in the opening-up, exchanges and cooperation in China's chemical industry. We organized international academic workshops for sci-tech societies, signed a MoU on Cooperation with the European Federation of Chemical Engineering (EFCE), and continued to advance pragmatic cooperation with Germany, Japan, the US and countries along the "Belt and Road" Initiative, co-hosted a side event of the 30th UN Climate Change Conference, promoting in-depth communication and innovative integration in the global chemical arena. Our science popularization system was continuously improved with "The First Class of Chemical Engineering" reaching over 20,000 teachers and students from over 100 universities and colleges and multilingual popular science books such as Exploring Petroleum: The Black Treasure Hidden Underground and Discovering Chemical Engineering via Terms, a program supported by the National Publication Fund, etc, better serving chemical sci-tech innovation and the improvement of the public's scientific literacy.

In 2025, we focused on strengthening CIESC through talent development and effectively played the role of cultivating high-level chemical sci-tech talents. We built a high-quality "special think tank" integrating chemical expert, achievement and demand databases, enabling smart identification of experts' achievements and demands and efficient and accurate connection among various users. We continued to strengthen the training of high-end and young sci-tech talents, expanded the depth and scope of their training, actively recommended outstanding colleagues in the chemical industry for national talent selection and award programs, and helped outstanding chemical talents gain recognition on the national stage. We nurtured backup talents through competitions with National College Students Chemical Engineering Design Competition covering hundreds of universities across the country, and "SCIP+" Green Chemistry and Chemical Industry Innovation & Entrepreneurship Competition reaching new heights in terms of the total number of participants and international teams, continuously consolidating the talent foundation for chemical sci-tech innovation.

In 2025, we highlighted the leading role of Party building and achieved remarkable results in promoting the high-quality development of CIESC. We thoroughly studied and implemented the guidance of General Secretary Xi Jinping's important instructions on the chemical industry, sci-tech innovation and the work of CIESC, deeply comprehended the decisive significance of the "Two Establishments", and became firmer and more conscious in upholding the "Two Safeguards". We solidly carried out learnings on thoroughly implementing the guidance of "The Eight-point Decision on Improving Work Conduct of the Central Party Leadership", further promoted the campaign of "Changing Mindsets, Transforming Work Styles, Strengthening Efficiency and Achieving Practical Effects", significantly improving our work style and promoting the deep integration of Party building's leading role and CIESC's development. We comprehensively improved governance and management efficiency and consolidated the management foundation, accelerating CIESC's stride toward a new stage in building itself into a first-class society with significantly

strengthened cohesion and influence.

As if thousands of ships competing for progress in a vast sea and surging tides, it is the right time to strive for excellence with 2026 as the first year of the 15th Five-Year Plan period. As the Fourth Plenary Session of the 20th CPC Central Committee has made strategic arrangements for accelerating high-level sci-tech self-reliance and self-improvement and led the development of new quality productive forces, people working in sci-tech arena shoulder with great responsibilities and glorious missions. CIESC will continue to be guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, thoroughly implement the guidance of the 20th National Congress of the CPC and all subsequent Plenary Sessions and systematically formulate the development blueprint for the 15th Five-Year Plan period aimed at building CIESC into a world-class society. We will adhere to strengthening the foundation with Party building playing the leading role, improving the quality of sci-tech services, upgrading talent training, expanding opening-up and cooperation, and improving the efficiency of reform and management. We will serve colleagues in the chemical industry, the innovation-driven development, the improvement of the public's scientific literacy, and the decision-making of the Party and the country, devoting to advancing the high-quality development of chemical sci-tech and building China into a strong sci-tech country.

As we forge ahead with unremitting efforts, the future will hold great promises. For the new year, may our members and friends success in work and happiness in life, may the sci-tech cause of China's chemical industry flourish with more glories and may our great motherland peace and prosperity.

Dai Houliang
President of the Council of CIESC
Academician of the Chinese
Academy of Engineering



Summary of the Work of The Chemical Industry and Engineering Society of China (CIESC) in 2025

In 2025, under the guidance of the Ministry of Civil Affairs of the People's Republic of China and the China Association for Science and Technology (CAST), and with the strong support of its governing bodies, member organizations, and the broad community of chemical science and engineering professionals, the Chemical Industry and Engineering Society of China (CIESC) remained firmly committed to the goal of building a world-class professional society. Focusing on its mandate of "Four Key Services," CIESC achieved solid and tangible progress across all areas of work.



I. Comprehensive Support for High-Quality Development of the Chemical Industry Continued to Strengthen

(1) New Breakthroughs in Serving Major National Strategies

01

First, with a focus on the security and stability of the chemical industry supply chain and high-quality industrial development, CIESC organized the preparation of multiple policy advisory reports and decision-support recommendations.

02

Second, CIESC conducted systematic assessments of potential supply-chain disruption risks in sectors such as coatings, dyes, and specialty chemicals, and proposed recommendations on industrial layout and technology research priorities, which were adopted by the Ministry of Industry and Information Technology (MIIT).

03

Third, in response to emerging trends in chemical industry development, CIESC organized the formulation of a series of industrial technology roadmaps and development reports, providing strategic guidance for scientific and technological innovation and industrial advancement.

04

Fourth, professional committees, based on their respective disciplinary strengths and positioning, provided intellectual support for industry safety, intelligent transformation, and upgrading of the chemical sector.

(2) Expanded Contributions to Regional Chemical Industry Development

First, CIESC organized academicians and experts to study and address key challenges facing chemical industry development in regions such as Liaoning, Sichuan, and Ningxia, providing strong support for resolving bottlenecks and constraints in regional industrial growth. Second, expert service teams were dispatched to Guizhou, Guangdong, Ningbo, and other regions to deliver targeted research and development guidelines and policy recommendations, precisely empowering regional industrial upgrading. Third, through organizing activities such as forums on new technologies and industrial development, CIESC promoted the efficient alignment of innovation resources with local industrial needs.

(3) Tangible Progress in Supporting Enterprise Innovation

First, CIESC organized academicians and experts to conduct thematic studies, providing enterprises with guidance on industrial development pathways and technology directions. Second, by engaging directly with enterprises to diagnose technological challenges, CIESC facilitated efficient and precise industry–academia–research collaboration, resulting in the successful implementation of multiple scientific and technological cooperation projects.

(4) New Achievements in the Development of Group Standards

First, CIESC strengthened its organizational framework for group standards development. A core expert team led by academicians was established, and management and operational mechanisms were optimized. As a result, CIESC was recognized by the China National Institute of Standardization as an organization demonstrating “Good Practices in Group Standardization”. Second, the output of high-quality standards was accelerated. Focusing on key areas such as advanced chemical materials and green and low-carbon transformation, CIESC released 20 group standards and approved 23 new standard projects during the year, filling multiple gaps within the industry. Third, coordination between China’s chemical industry standards and international standards was actively promoted. CIESC systematically advanced the alignment of group standards with international standardization systems, with two standards approved as ISO projects, two entering the international standard proposal stage, and several others included in international standard incubation and acceleration programs.



II. Enhanced Full-Cycle Support for the Growth of Chemical Science and Engineering Professionals



(1) Continued Strengthening of High-Level and Young Talent Development

CIESC actively sought national talent development resources and recommended outstanding chemical science and engineering professionals as candidates for membership in national academies, nominees for national sci-tech awards, and candidates for the Ministry of Education’s awards for outstanding scientific research achievements. Special emphasis was placed on cultivating young scientific and technological talent, with expanded depth and scope in participation in the CAST Young Talent Support Program.

(2) Significant Progress in the Development of Expert Think Tanks

CIESC continued to expand the scale of its expert think tank, refine disciplinary classifications, and deepen the application of intelligent

systems. Through smart identification of experts, research outcomes, and demand areas, the platform enabled efficient and precise matching among users. To date, more than 2,000 high-level experts have been incorporated into the expert database.

(3) Effective Talent Pipeline Development through Competitions

CIESC organized the National College Students Chemical Engineering Design Competition, focusing on frontier technologies and industrial practices in areas such as carbon neutrality, new energy, and advanced materials. The “SCIP” Green Chemistry and Chemical Industry Innovation & Entrepreneurship Competition achieved record participation in both total entries and international team involvement.

The China University Chem-E-Car Competition® was upgraded to an Asia-Pacific Friendship Competition, welcoming teams from Indonesia, Malaysia, and other countries. This initiative significantly enhanced students’ research, innovation, and practical application capabilities in chemical engineering.



III. New Milestones in Building High-End Exchange Platforms and National-Level Science Popularization Centers



(1) The 12th World Congress of Chemical Engineering and the 21st Asian Pacific Confederation of Chemical Engineering Congress (WCCE12 & APCChE2025) was successfully held

Near 5,000 delegates from 66 countries and regions worldwide participated in the congresses, including over 1,000 international participants, making it the largest and most comprehensive event in their history. Under the theme “Paradigm Shifts in Chemical Engineering to Meet Global Challenges,” the congresses were structured around four major thematic tracks, including Chemical Engineering and Education & Training and Future Chemical Engineering and Intelligent Innovation. A total of 34 thematic symposia and 1,756 frontier presentations were organized. An innovative integrated platform combining academia, technology, and industry was established. The International Chemical Engineering Innovation Exhibition attracted more than 130 leading enterprises from around the world, with over 50 breakthrough scientific and technological achievements showcased.

Building on the successful convening of WCCE12 & APCChE 2025, CIESC leveraged the congress as a strategic platform to comprehensively strengthen international exchange and cooperation. First, CIESC coordinated the establishment of new international cooperation mechanisms in the field of chemical engineering. An International Forum on Academic Exchange among Scientific and Engineering Societies was convened, bringing together senior leaders from more than ten international organizations, including the European Federation of Chemical Engineering (EFCE) and the American Institute of Chemical Engineers (AIChE). The forum reached a series of important consensus on advancing global cooperation in chemical science and engineering, and entrusted CIESC with responsibilities such as promoting the establishment of joint committees and the development of thematic white papers. Second, CIESC actively advanced coordination between science, education, and standards. Through a tripartite agreement signed with the Central Asian Association for Accreditation of Education (CAAEE) and Shihezi University, joint efforts were launched to promote mutual recognition standards for engineering education and professional engineers in the chemical and chemical engineering fields. This initiative provides a replicable model for strengthening science and education cooperation between China and countries along the Belt and Road. Third, CIESC established multilateral mechanisms for information sharing and joint international projects with leading global organizations. On behalf of the Asian Pacific Confederation of Chemical Engineering (APCChE), CIESC signed a Memorandum of Understanding with EFCE, creating a broader and more diversified international exchange platform for members and chemical engineering professionals. Fourth, leveraging CAST’s Special Consultative Status with the United Nations Economic and Social Council (ECOSOC), CIESC co-organized a side event titled “Opportunities for Climate Action in the A.I. Acceleration Era” at the 30th United Nations Climate Change Conference, and participated in the 7th Session of United Nations Environment Assembly. Through these institutional UN platforms, CIESC showcased China’s actions and solutions to the global community.

(2) Comprehensive Advancement in Journal Development

CIESC accelerated the establishment of a journal development system led by flagship journals. *Chemical Industry and Engineering Progress* ranked first among Chinese-language chemical engineering journals in total citations, core impact factor, and disciplinary ranking. *Chinese Journal of Chemical Engineering* (English Edition) achieved a significant rise in global rankings within the Engineering–Chemical Engineering category.

Journals including *CIESC Journal* were selected for Phase II of the Excellence Action Plan for Leading Chinese Journals, while *Energy Storage Science and Technology* and *Fine Chemicals* were included in the China Science and Technology Journals Capacity Enhancement Program.

(3) A More Mature and Integrated Science Popularization System

First, CIESC continued to strengthen its flagship science popularization programs. The “2025 The First Class of Chemical Engineering” reached more than 120 universities nationwide and over 20,000 faculty members and students, effectively enhancing young people’s confidence in chemical engineering and their sense of professional identity. Second, CIESC led the organization of the Second National Petroleum and Chemical Science Popularization Works Collection Campaign, achieving broad participation from western regions including Qinghai and Tibet. The science popularization book *Exploring Petroleum: The Black Treasure Hidden Underground* was published in multiple languages including Chinese, English, Spanish, Russian, and Kazakh. In addition, CIESC organized the compilation of *Discovery Chemical Industry and Engineering via Terms*, a national publishing fund project, providing standardized references for education and research in chemical engineering. Third, CIESC built cross-cultural platforms for science popularization and exchange. By co-hosting the Global Youth Multicultural Forum: Energy Civilization and Youth Engagement, CIESC brought together international students from 46 countries to engage in dialogue on energy innovation and sustainable development, significantly enhancing the international communication capacity of China’s chemical science and engineering community.



IV. Strengthening Systems and Governance to Accelerate High-Quality Development

(1) Continuous Improvement in Governance Effectiveness and Management Capacity

Benchmarking against world-class professional societies, CIESC revised and formulated 20 internal regulations. New digital platforms—including CIESC official website, membership service system, award application and evaluation system, branch organization management system, and OA were successfully launched. These efforts significantly enhanced CIESC’s level of digital governance and service efficiency.

(2) Growing Cohesion and Influence of CIESC

CIESC further improved information disclosure mechanisms and proactively delivered high-quality resources to members, including academic frontier developments, sci-tech talent policies, and industry trends. Dedicated funding was increased to expand and innovate member services. Through initiatives such as the Member Spotlight campaign, CIESC highlighted exemplary scientists and engineers, showcasing the spirit of scientific dedication and outstanding achievements. By organizing international conferences and industry exhibitions, CIESC also promoted institutional members and their innovative products and technologies, enhancing members’ visibility and influence within the industry. As of the end of 2025, CIESC had 73,550 individual members and 523 institutional members.

At present, profound global changes unseen in a century are accelerating, global industrial and supply chains are undergoing deep restructuring, and a new wave of sci-tech revolution and industrial transformation is reshaping the chemical industry landscape. Let us unite with shared resolve and sustained effort, earnestly advance all aspects of CIESC, actively empower sci-tech innovation in chemical engineering, and accelerate the development of a world-class society. In doing so, CIESC will make new and greater contributions to building a strong nation in sci-tech and to advancing a community with a shared future for mankind.

CIESC Honors in 2025

Honor	Issuer
Certificate of "Good Practices in Group Standardization"	China Association for Standardization
Outstanding Contribution to the China Association for Science and Technology Yearbook (2025 Volume)	China Association for Science and Technology
Outstanding Organization in the 2024 Comprehensive Statistical Survey	China Association for Science and Technology
<i>Exploring Petroleum</i> selected as a Top 100 Science Popularization Case under "Science Popularization in China" (Science Communication Category)	China Association for Science and Technology
<i>Exploring Petroleum</i> awarded the Outstanding Science Popularization Book Prize	Ministry of Natural Resources of China
<i>Energy Storage Science and Technology</i> and <i>Fine Chemicals</i> selected for Journals Capacity Enhancement Program of China's Science and Technology	China Association for Science and Technology
<i>Chemical Industry and Engineering Progress</i> renewed as a Key Journal Project under the Capital Science and Technology Journals Excellence Action Plan	China Association for Science and Technology
<i>CIESC Journal</i> selected as a Key Journal Project for the Capital Science and Technology Journals Excellence Action Plan	China Association for Science and Technology



CIESC Selected Events in 2025



I. Academic Exchange and International Cooperation

1. Academic Leadership and Exchange

The 12th World Congress of Chemical Engineering and the 21st Asian Pacific Confederation of Chemical Engineering Congress (WCCE12 & APCChE2025) Successfully Convened

From 14 to 18 July, the 12th World Congress of Chemical Engineering (WCCE12) and the 21st Asian Pacific Confederation of Chemical Engineering Congress (WCCE12 & APCChE2025) was successfully held in Beijing. The congress was authorized by the World Chemical Engineering Council (WCEC) and APCChE, hosted by the Chemical Industry and Engineering Society of China (CIESC), guided by the China Association for Science and Technology (CAST), the Chinese Academy of Sciences, and the Chinese Academy of Engineering, and co-organized by China National Petroleum Corporation (CNPC), China Petrochemical Corporation (Sinopec), and Beijing University of Chemical Technology (BUCT), with additional joint organization by China National Offshore Oil Corporation (CNOOC) and China Energy Investment Corporation (CHN Energy). The event attracted nearly 5,000 participants from 66 countries and regions, including more than 1,000 international delegates, jointly creating a “Global Chemical Engineering Olympics” moment in Beijing.

Under the theme “Paradigm Shifting in Chemical Engineering for Global Challenges,” the congress focused on frontier paradigm transformation and global leadership in chemical engineering science and technology. Over five days, more than 50 activities were organized, including opening and closing ceremonies, two plenary sessions, 34 parallel sessions, United Nations SDGs Youth Special Forum, and academic sight seeing. Sixteen distinguished scientists, including Nobel laureates, delivered keynote lectures, and a total of 1,756 reports were made, comprehensively outlining a new vision for the future of chemical engineering.

The International Chemical Engineering Innovation Exhibition covered 11,000 square meters and featured more than 130 leading global enterprises and institutions. New technology launch events and achievement showcases formed an unprecedented platform for deep integration of industry, academia, and research. The congress culminated in the release of the Beijing Initiative, a landmark declaration promoting the global green transition of chemical engineering and the building of a community with a shared future for mankind.



This marked the first time the World Congress of Chemical Engineering (WCCE) was held in China. The event was widely recognized as unprecedented in scale, rich in outcomes, and far-reaching in impact, earning high praise from the global chemical engineering community. The congress significantly strengthened international academic exchange and industry collaboration, and injected new impetus into driving the sustainable development of the global chemical engineering industry.



2025 (9th) International Olefins and Polyolefins Conference

From 22 to 23 May, 2025 (9th) International Olefins and Polyolefins Conference was held in Ningbo, Zhejiang Province. The conference was jointly organized by CIESC and Lee Plastics Consulting, LLC, and brought together more than 200 experts and industry representatives. Under the theme “Enhancing High-End Technological Innovation in the Olefins Industry and Advancing New-Quality Productive Forces in the Petrochemical Sector,” the conference focused on policy trends and market dynamics of high-end polyolefins under the “dual carbon” goals. Key discussions addressed global R&D frontiers, including applications in electronic chemicals, healthcare, semiconductors, and OLED technologies. Breakthroughs in domestically manufactured equipment were among the highlights of the conference.



Executive Committee Meeting of the World Chemical Engineering Council

On 13 July, the Executive Committee of the World Chemical Engineering Council (WCEC) convened in Beijing. Committee members highly commended CIESC, as the host organization, for its contributions to advancing chemical engineering sci-tech worldwide and serving human society. The overall organization and phased outcomes of WCCE12 received strong recognition, and expectations were expressed for deeper global cooperation in chemical engineering following the congress.

(CAAAE), the Institution of Chemical Engineers (IChemE), and the World Green Design Organization (WGDO) attended as observers. The meeting was chaired by Prof. Fang Xiangchen, President of APCChE, Vice President and Secretary-General of CIESC, who presented the annual work report. The achievements were highly recognized by the participants, who called for deeper international cooperation, enhanced technological exchange, improved organizational effectiveness, and strengthened regional collaboration to support the chemical industry’s contribution to global sustainable development goals.



APCChE Board Meeting

On 15 July, the Board Meeting of the Asian Pacific Confederation of Chemical Engineering (APCChE) was held in Beijing, with board members and representatives from China, Australia, Japan, Malaysia, New Zealand, the Philippines, Thailand, Iran, and other countries and regions in attendance. Representatives from WCEC, EFCE, the Central Asian Association for Accreditation of Education

International Symposia on Academic Exchange among Scientific and Engineering Societies

On 16 July, CIESC organized the International Forum on Academic Exchange among Scientific and Engineering Societies in Beijing. Senior leaders from more than ten international organizations including EFCE, AIChE, and IChemE, engaged in high-level dialogue on future cooperation.

CIESC's proposed cooperative framework received broad and positive responses. During the forum, CIESC, CAAAE, and Shihezi University signed a tripartite agreement to jointly advance engineering education and professional engineer mutual recognition standards in the chemical and chemical engineering fields.

Entrusted by international partner organizations, CIESC will lead follow-up work on cooperation mechanisms and white paper draft, expanding global partnerships and contributing to international sci-tech collaboration.



CAST UN Consultative Committee on Clean Energy & Carbon Peaking and Neutrality (CCCE) invited to address in SDGs Youth Special Forum

On July 17, the SDGs Special Forum jointly organized by the Chemical Industry and Engineering Society of China (CIESC) and the Society of Chemical Engineers Japan (SCEJ), was held in Beijing. Young students, corporate representatives, and early-career researchers from universities and institutes around the world participated both online and in person. The CAST UN Consultative Committee on Clean Energy & Carbon Peaking and Neutrality (CCCE) was invited to deliver a keynote presentation. On behalf of the Committee's members, Mr. Tang Weijian, a young representative from the Sinopec presented a report. By establishing an intergenerational and cross-cultural dialogue platform for young scientists, the SDGs Youth Special Forum deeply integrates the new generation of the global chemical engineering community into the practical framework of SDGs. The event attracted wide participation from young scholars worldwide, injecting fresh



momentum into future sci-tech governance and fostering a new generation of leaders in global chemical engineering governance who combine innovation with a strong commitment to sustainable development.

APCChE and EFCE Sign MoU

On July 31, the Asian Pacific Confederation of Chemical Engineering (APCChE) and the European Federation of Chemical Engineering (EFCE) formally signed a Memorandum of Understanding (MoU) on cooperation, aimed at strengthening sci-tech exchange as well as educational collaboration in the field of chemical engineering. The partnership seeks to jointly promote the development of a sustainable society and a safe, green, and circular economy. The MoU was signed by Prof. Fang Xiangchen, President of APCChE, Vice President and Secretary General of CIESC, and Mr. Giorgio Veronesi, President of EFCE and representative of the Italian Association of Chemical Engineering (AIDIC).

According to the agreement, the two parties will carry out concrete cooperation in areas such as conference, information exchange, trainings, and industrial initiatives. Planned activities include the



joint organization of workshops, mutual recommendation of keynote speakers, and the promotion of academic interaction between the Asia-Pacific and European regions. A coordination committee will also be established to regularly advance and oversee cooperative activities. This cooperation marks an important step forward in deepening global connections in the chemical engineering community. It will provide member organizations with more diverse international exchange platforms and resources, while also laying a solid foundation for CIESC to further strengthen cooperation between Asia and Europe, as well as between China and Europe.

12th ACHEMASIA Successfully Held

From October 14 to 16, the 12th ACHEMASIA (ACHEMASIA 2025), co-hosted by the Chemical Industry and Engineering Society of China (CIESC) and DECHEMA Ausstellungs-GmbH of Germany, was successfully held in Shanghai. Centered on the theme “International Sustainable Chemical Production,” the exhibition brought together nearly 300 exhibiting companies from 14 countries and regions. The event featured a large international exhibition zone showcasing innovative achievements across a wide range of fields, including pumps and valves, mixing and separation technologies, chemical and pharmaceutical equipment, as well as digitalized and intelligent instruments and control systems. ACHEMASIA provided industry professionals with a valuable platform for international exchange and dialogue. The exhibition is expected to further strengthen consensus between Chinese and international enterprises in areas such as technological cooperation, market development, and standards co-building, thereby effectively promoting innovation and high-quality development in China’s chemical and process industries.



The 12th China–Japan Symposium on Chemical Engineering Successfully Held

From October 17 to 19, the 12th China–Japan Symposium on Chemical Engineering was successfully held in Zhengzhou. The symposium was jointly organized by Zhengzhou University, CIESC’s China-Japan Exchange Committee and other organizations. Under the theme “Green, Low-Carbon and Sustainable Chemical Science



and Technology,” the symposium focused on four key areas: energy and chemical engineering, fine chemicals, resource recycling, and process intensification. More than 120 experts and scholars from China and Japan gathered to share and exchange the latest scientific and technological advances and research achievements.

Following the symposium, Mr. Yuji Sakai, director of the China Committee of the Society of Chemical Engineers Japan (SCEJ), and Mr. Mitsutoshi Nishioka, deputy director, visited CIESC’s office in Beijing. Through friendly and in-depth discussions, both sides reached a consensus on further strengthening and deepening exchanges of sci-tech talents in the field of chemical engineering. Going forward, the two parties will work closely to ensure the successful organization of the biennial China–Japan Symposium, expand the influence of this flagship international academic platform, and better align future activities with the needs of chemical engineering professionals in both countries.

China–Kazakhstan Seminar on CCUS and Oil & Gas Innovation Technologies Held in Shihezi

From November 25 to 27, the China–Kazakhstan Seminar on CCUS and Oil & Gas Innovation Technologies was successfully held in Shihezi. The seminar was jointly organized by Shihezi University and the China–Kazakhstan Liaison Office of the Chemical Industry and Engineering Society of China (CIESC). The event brought together energy and environmental experts and professionals from both countries, including representatives from Kazakhstan’s Kazakh British Technical University, Eurasian National University, Nazarbayev University, and Al-Farabi Kazakh National University, as well as Chinese participants from Shanghai Jiao Tong University, China University of Petroleum (Beijing) Karamay Campus, North China University of Water Resources and Electric Power, and Xinjiang Zhongxin Petroleum & Natural Gas Development Co., Ltd. Participants shared cutting-edge technologies and innovative in carbon capture, utilization, and storage (CCUS) as well as in the oil and gas sector. The seminar provided a valuable platform for strengthening bilateral collaboration, exchanging knowledge, and promoting innovation in the energy and environmental fields between China and Kazakhstan.



Participation in the United Nations Environment Assembly

From December 7 to 11, the Chemical Industry and Engineering Society of China (CIESC) dispatched a delegation to Nairobi, Kenya, to attend the Seventh Session of the United Nations Environment Assembly (UNEA-7), held at the headquarters of the United Nations Environment Program (UNEP). This visit constituted an important task in CIESC’s role as the Secretariat of the CAST UN Consultative Committee on Clean Energy & Carbon Peaking and Neutrality (CCCE). Taking advantage of its participation in UNEA-7, CIESC further expanded its international cooperation network, actively promoted the work and achievements of the Consultative Committee as well as CIESC’s international engagement, and expressed its willingness to explore future cooperation with UNEP on project-based collaboration, the organization of side events, and exhibitions.





II. Science Popularization and Cultural Development

Global Youth Multicultural Forum: Energy Civilization and Youth Engagement Successfully Held in Beijing

From April 23 to 24, the event “Global Youth Multicultural Forum: Energy Civilization and Youth Engagement” was successfully held in Beijing. Centered on the multilingual editions of *Exploring Petroleum: The Black Treasure Hidden Underground*, the event invited international students from 46 countries, building a dialogue platform for global youth and promoting international exchange on energy civilization.



Chinese Terms in Chemical Industry and Engineering Officially Released

Organized by the Chemical Industry and Engineering Society of China (CIESC), the *Chinese Terms in Chemical Industry and Engineering* was officially released. The publication standardizes scientific and technical terminology and plays an irreplaceable role in supporting scientific and technological development, preserving Chinese culture, safeguarding linguistic integrity, advancing social progress, and building a systematic Chinese scientific language framework.

of China’s petroleum and petrochemical knowledge and serving as an important medium for energy civilization exchange. Recently, the book was selected as one of the “Top 100 Science Popularization Cases under ‘Science Popularization in China’” released by People’s Daily, and awarded as the Outstanding Science Popularization Book Prize 2025 of the Ministry of Natural Resources of China.

Discovery Chemical Industry and Engineering via Terms Officially Released

The national publishing fund project and a key publication under China’s 14th Five-Year Plan, *Discovery Chemical Industry and Engineering via Terms*—a volume of the *Discovery Disciplines via Terms* series—was officially released in October. By providing precise definitions, the book establishes a solid foundation for academic dialogue and offers standardized guidance for chemical engineering education and research.



Exploring Petroleum: The Black Treasure Hidden Underground Receives Multiple Honors

The popular science book *Exploring Petroleum: The Black Treasure Hidden Underground* has been published in multiple languages, including Chinese, English, Spanish, Russian, and Kazakh. It has been warmly received in countries and regions participating in the Belt and Road Initiative, promoting the international dissemination



Popular Science Activity “Chasing the Sparks at the Earth’s Core, Exploring the Mysteries of Black Gold” Successfully Held

On October 27, the popular science outreach activity “Chasing the Sparks at the Earth’s Core, Exploring the Mysteries of Black Gold” was held at Mianzhu Junior Middle School affiliated with Sichuan Normal University. More than 2,200 teachers and students participated. The activity helped students understand that petrochemicals are a “life companion” embedded in everyday necessities, and deepened their appreciation of the wisdom and perseverance behind energy exploration.



III. Think Tank Development and Science & Technology Services

1. Assessing Technology Trends and Providing Policy Advice

Completion of Three National Strategic Think Tank Projects

CIESC organized academicians and experts to compile research reports to establish foundational achievement databases and expert resource pools for electronic specialty gases and new flexible materials, as well as a collection of exemplary cases for the electronic chemicals industry.

“Reducing Oil and Increasing Chemicals” Transformation of Liaoning’s Petrochemical Industry Research Concluded

CIESC undertook and successfully completed the think tank project Research on Promoting the “Reducing Oil and Increasing Chemicals” Transformation of Liaoning’s Petrochemical Industry. An expert team conducted in-depth field research in Dalian and Panjin, presented findings to provincial leaders, and provided policy recommendations for Liaoning’s 15th Five-Year Plan, receiving strong attention from key provincial government leaders.



Integrated Production, Storage, and Utilization of New Energy Research Concluded in Henan Province

CIESC undertook the Research Project on Integrated Development of New Energy Production, Storage, and Utilization in Henan Province. The project taskforce visited eight new energy enterprises and proposed targeted recommendations for advancing integrated development in the province.

2. Advancing “Innovation China” and Deepening the Integration of Technology and the Economy

“Innovation China” Green Phosphorus Chemical Industry Service Team Conducted in Guizhou

From March 18 to 19, CIESC’s “Innovation China” service team carried out technical matchmaking and consulting services in Guizhou. Three targeted research and consultation seminars were held in industrial development zones, with participation from over 20 chemical enterprises. The activity helped enterprises address technical bottlenecks, promoted industry academia research integration, and facilitated the extension of industrial chains toward refinement and high-end development.



Expert Support for High-Quality Development of Maoming’s Petrochemical Industry

On October 10, CIESC organized experts to provide sci-tech services in Maoming, establishing a normalized “CIESC–local government–enterprises” communication mechanism and delivering timely, precise technical guidance for industrial transformation and upgrading.

Expert Support for High-Quality Development of Dingyuan Salt Chemical Industry

On November 7, experts organized by CIESC conducted targeted technical services at the Dingyuan Salt Chemical Industrial Park, building an effective platform for exchange and promoting deep integration of technological and industrial innovation.



3. Talent Development

2025 AIChE Chem-E-Car Asia-Pacific Friendship Competition® Held

Held from August 10 to 11 at Tianjin University, 2025 AIChE Chem-E-Car Asia-Pacific Friendship Competition® and the 9th China National Chem-E-Car Competition® was successfully held. The competition brought together 37 teams, including 33 domestic university teams and four international teams from Indonesia and Malaysia, the largest scale in the history of the regional event. Introduced jointly by CIESC and the American Institute of Chemical Engineers (AIChE), the Chem-E-Car Competition® integrates knowledge from chemical engineering, chemistry, automation, mechanics, and materials science, effectively cultivating students’ abilities in problem-solving, innovation, entrepreneurship, and interdisciplinary collaboration.



The 8th National “Internet + Chemical Reaction Engineering” Course Model Design Competition

On August 2, the award ceremony of the 8th National “Internet + Chemical Reaction Engineering” Course Model Design Competition was held at Sichuan University. A total of 420 teams from 81 universities participated, contributing positively to new engineering education, improving course quality, and enhancing students’ thinking and analytical capabilities.



The 19th National College Students Chemical Engineering Design Competition

From August 11 to 17, the national finals of The 19th National College Students Chemical Engineering Design Competition were held in Tianjin. A record 4,337 teams from 479 universities participated, with more than 20,000 students involved nationwide, setting new highs in both participation and scale.



The competition plays a vital role in cultivating innovation, engineering skills, teamwork and practical design capabilities.

2025 “First Class of Chemical Engineering”

On September 21, the 2025 “First Class of Chemical Engineering” was held at Tianjin University, combining on-site lectures and online live-streaming. Over 600 colleague freshmen attended in person, with more than 20,000 teachers and students from 120 institutions participating online. The program was highly praised for inspiring interest, enhancing industry awareness and broadening students’ perspectives.



National College Students Contest of Chemical Engineering Safety Design Competition

On December 6, the finals and the National College Students Contest of Chemical Engineering Safety Design Competition were held at South China University of Technology. Ten teams advanced from 228 nationwide teams, creating an open platform for dialogue on chemical safety education and fostering collaboration among government, industry, and academia.



2025 “SCIP+” Green Chemistry and Chemical Industry Innovation & Entrepreneurship Competition

On December 12, the finals and award ceremony of 2025 “SCIP+” Green Chemistry and Chemical Industry Innovation & Entrepreneurship Competition were held in Shanghai, with 618 teams participating from 18 countries and all regions of China. The competition significantly contributed to enhancing innovation capacity and promoting green, sustainable development in the chemical industry.



2025 National College Student Chemical Engineering Short Video Competition Final

On August 16, the finals of 2025 National College Student Chemical Engineering Short Video Competition were successfully held at Huaqiao University, attracting 139 teams from 63 universities and enhancing public awareness of the chemical industry while encouraging youth engagement in green and sustainable development.

The First National College Students Hazardous Chemicals Safety Knowledge Competition Final

From April 18 to 20, the final of The First National College Student Hazardous Chemicals Safety Knowledge Competition were held in Beijing, with 88 teams from 49 universities participating. The competition effectively strengthened students' safety awareness and professional safety literacy.





V. Public and Social Services

1. Evaluation of Scientific and Technological Achievements

In 2025, CIESC continued to improve its evaluation system for scientific and technological achievements, completing 53 evaluations in the chemical sector and conducting on-site verification for three Ministry level Science and Technology projects.



2. Development and Revision of Group Standards

Since launching group standard development in 2018, CIESC has approved 194 projects and released 103 standards, including 20 standards issued and 23 projects approved in 2025. On July 30, CIESC received the “Good Practice in Group Standardization” certificate from the China Association for Standardization, affirming its benchmark status. Two group standards have been successfully proposed as international standards, with four entering the NP voting stage.



VI. Organizational Development

CIESC Branches Workshop

Held from January 15 to 16 in 2026 in Dalian, the conference brought together more than 80 representatives from CIESC branches, journal editorial offices and the secretariat, laying a solid foundation for accelerating the development of a world-class society.



2025 Plenary Meeting of the CIESC Group Standards Technical Committee

2025 Plenary Meeting of the CIESC Group Standards Technical Committee was held on February 18 in Beijing.



Establishment of the Silicon Energy and Chemical Engineering Committee

On April 8, the Silicon Energy and Chemical Engineering committee was officially established in Shihezi, Xinjiang, to promote the leap of China's silicon industry from scale to strength.



Establishment of the Chemical Industry ESG Committee

On May 17 in Shanghai, the Chemical Industry ESG Committee was established, marking a milestone in coordinated innovation across environmental, social and governance (ESG) dimensions and supporting China's green transition and dual-carbon goals.



The 5th Meeting of the 41st Council of CIESC

Held on November 21 in Beijing, the 5th Meeting of the 41st Council of CIESC recognized the CIESC's significant achievements in 2025 and its contributions to cultivating new productive forces and strengthening China's chemical sci-tech capacity.



Outstanding Branches Showcase

Committee of Sulfur, Phosphorus and Titanium Resource Chemicals

Since its establishment in November 2017, CIESC's Professional Committee of Sulfur, Phosphorus and Titanium Resource Chemicals (hereinafter referred to as the "Committee") has focused on sci-tech services as its core mission, injecting scientific and technological vitality into local economic development.

In March 2025, Prof. Tang Shengwei of Sichuan University, Director of the Committee, served as Chief Expert and led a service team visiting Guizhou. The team clearly identified the need to focus on industrial demands in carrying out scientific research and technological breakthroughs, with particular emphasis on key technologies such as phosphogypsum treatment and disposal. Through these pragmatic initiatives, the Committee has accurately aligned high-end intellectual resources of the industry with regional industrial needs, making solid contributions to the advancement of the "Innovation China" initiative.



Committee Members Participated in the "Innovation China" Activities

Committee of Ionic Liquids

Established in September 2012, the professional Committee of Ionic Liquids has attracted a large number of outstanding young scholars to join. Since its establishment, the Committee has closely aligned with major national strategies, leading the development of green, high-quality and intelligent chemical engineering. It has undertaken a series of high-level strategic research projects, including the National Natural Science Foundation of China project. By integrating technologies such as artificial intelligence,

the Committee has proactively laid out development pathways for China's intelligent process industry.

Closely following global academic trends, the Committee organized and hosted the parallel session of the 12th World Congress of Chemical Engineering. The session focused on global frontier topics such as artificial intelligence empowered research, CO₂ conversion, and biomass energy. Scholars from more than ten countries, including the United Kingdom, France and Japan, were invited to present localized technical solutions. The session deeply embedded Chinese scholars' innovative achievements and perspectives into international academic dialogue, significantly enhancing international discourse power and influence in this field.



CIESC Journals

The Chemical Industry and Engineering Society of China (CIESC) publishes six academic journals—*CIESC Journal*, *Chemical Industry and Engineering Progress*, *Chinese Journal of Chemical Engineering*, *Energy Storage Science and Technology*, *Petrochemical Technology* and *Fine Chemicals*—as well as a total of 26 specialized journals published by its branches, forming a well-structured journal brand matrix for academic exchange.

In 2025, *Chemical Industry and Engineering Progress* and *CIESC Journal* continued to maintain leading positions in journal evaluation indicators. According to the latest journal metrological indicators released by the Institute of Scientific and Technical Information of China (ISTIC) and the Journal Impact Index (JI) published by CNKI, the two journals ranked first and second, respectively within the discipline. *Chemical Industry and Engineering Progress* was recognized as a “2025 China Academic Journal with Outstanding International Influence.” *Chinese Journal of Chemical Engineering* was selected as a “2025 China Academic Journal with the Most International Influence,” achieving a Scopus CiteScore of 7.5 (Q1) and an impact factor of 3.7 (Q2) in the Journal Citation Reports (JCR) of the SCI database.

In addition, *Chemical Industry and Engineering Progress*, *CIESC Journal*, *Chinese Journal of Chemical Engineering (English Edition)*, *Energy Storage Science and Technology*, and *Fine Chemicals* were all included in the World Journal Impact Index (WJCI) Report (2025). *Chemical Industry and Engineering Progress*, *CIESC Journal* and *Chinese Journal of Chemical Engineering* were also awarded titles such as “Journals with Outstanding Academic Influence”.

CIESC Journal



Founded in 1923, a current monthly journal. The journal is indexed in both domestic and international databases, including EI, CA, SCOPUS, and CSCD and serves as the official publication of the Chemical Industry and Engineering Society of China (CIESC). It has received the China Publishing Government Award for journals. Classified as a T1-level journal, it primarily publishes original research papers in chemical engineering and related interdisciplinary fields, representing the forefront of China's basic and applied research.

 <http://www.hgxb.com.cn>

ISSN

ISSN 0438-1157

CN: 11-1946/TQ

CN

 Chemical Industry and Engineering Progress



Founded in 1981, a current monthly journal. The journal is indexed in major domestic and international databases, including EI, SCOPUS and CSCD and serves as the official publication of the Chemical Industry and Engineering Society of China (CIESC). In 2025, it ranked first in its discipline according to the Influence Index (CI). The journal aims to reflect the latest achievements and trends in the domestic and international chemical industry, introduce high-tech developments, disseminate chemical engineering knowledge, and promote sci-tech progress in the field.

 <http://www.hgjz.com.cn>

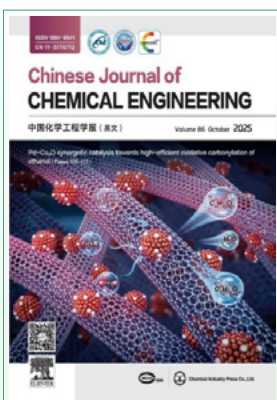
ISSN

1000-6613

11-1954/TQ

CN

 Chinese Journal of Chemical Engineering



Founded in 1982, a current monthly journal. The journal is indexed in prominent domestic and international databases, including SCIE, EI, SCOPUS, CA, China Science and Technology Papers Statistics and Analysis, and the China Science Citation Database. In Scopus journal metrics, it has a CiteScore of 7.5 (Q1); in the SCI JCR, it has an impact factor of 3.7, with a total citation count of 11,244 (Q2). The journal primarily publishes original research papers, reviews, and specialized articles on fundamental chemical engineering theories, new technologies, methods, equipment, and materials.

 <http://www.cjche.com.cn>

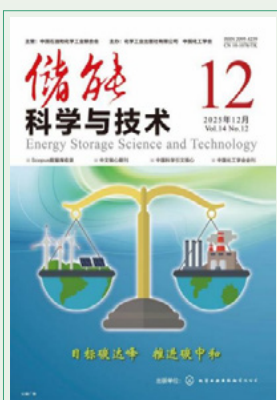
ISSN

1004-9541


11-3270/TQ

CN

 Energy Storage Science and Technology



Founded in 2012, the journal is indexed in the Scopus database and recognized as a core Chinese-language journal and a core scientific and technological journal in China. In 2025, Energy Storage Science & Technology continues to be included in the World Journal Citation Index report.

 <http://www.energystorage-journal.com>

ISSN

2095-4239

10-1076/TK

CN

 Petrochemical Technology



Founded in February 1970, a current monthly journal. *Petrochemical Technology* is recognized as a core Chinese scientific journal. The journal reports on sci-tech achievements in the field of petrochemical engineering and related areas and introduces new technologies and advancements in these fields. In 2025, it ranked 27th in its discipline according to the Influence Index (CI), placing it in the Q1 category.

 <http://www.shiyouhuagong.com.cn>

ISSN

1000-8144

11-2361/TQ

CN

 FINE CHEMICALS



Fine Chemicals was first published in June 1984 and has been recognized multiple times as one of the “100 Outstanding Chinese Academic Journals.” It is indexed in major databases including EI Compendex, Scopus, the American Chemical Abstracts (CA), the Japanese Science and Technology Agency Chinese Literature Database (JST), etc.

 <http://www.finechemicals.com.cn/>

ISSN

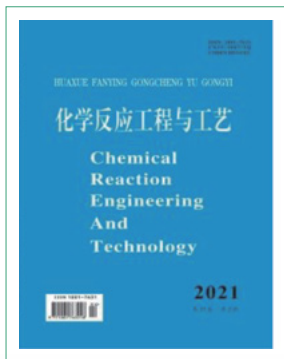
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CIESC Branches' Journals



Chemical Reaction Engineering and Technology



Safety, Health and Environment



Environmental Protection of Chemical Industry



Chemical Engineering & Machinery



New Chemical Materials



Inorganic Chemical Industry



Agrochemicals



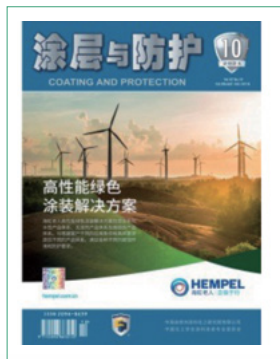
China Rubber Industry



Industrial Water Treatment



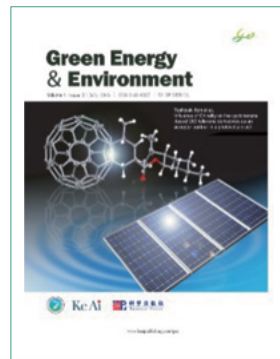
Fertilizer and Health



Coating and Protection



Paint & Coatings Industry



Green Energy & Environment



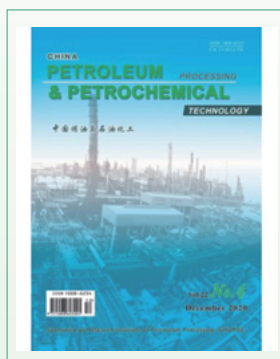
China Synthetic Resin and Plastics



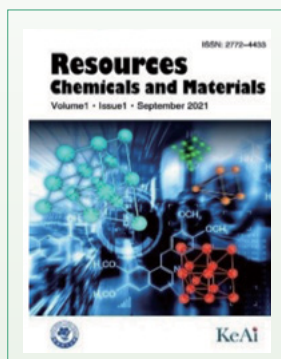
ACTA Petrolei Sinica (Petrochemical Processing Section)



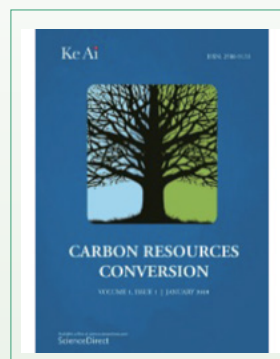
Petroleum Processing and Petrochemicals



China Petroleum Processing & Petrochemical



Resources Chemicals and Materials



Carbon Resources Conversion



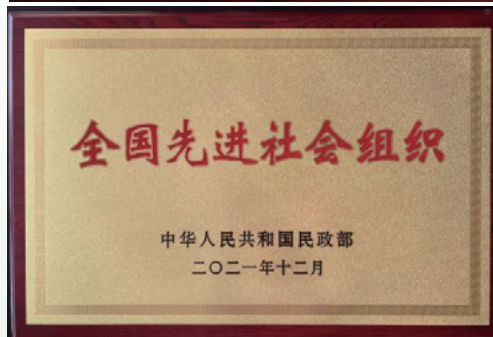
Green Chemical Engineering

Introduction of CIESC

CIESC was established on April 23, 1922, in Beijing. It was originally known as the China Chemical Industry Association and the Chinese Society of Chemical Engineering, making it one of the earliest national, public, and academic social organizations in China. Pioneers of the Chinese chemical industry, such as Chen Shizhang, Yu Tongkui, Fan Xudong, Wu Yunchu, Hou Debang, Hou Xianglin, and Min Enze, along with generations of scientific and technological workers, founded and grew the CIESC. Over the past century, alongside the remarkable development of China's chemical industry—from nothing to something, from weak to strong—the CIESC has consistently shared the same destiny as the nation, marching in step with the times. It has united, consolidated, and led generations of chemical technology workers, dedicating itself to advancing China's chemical science and technology and contributing actively to the remarkable achievements of the nation's chemical industry.

CIESC is a voluntary organization formed by chemical technology workers and relevant organizations. It holds legal entity status as a social organization and serves as the bridge and link between the government and chemical technology workers. It is an essential part of the national innovation system. CIESC is committed to serving science and technology workers, driving innovation, improving national scientific literacy, and supporting scientific decision-making by the government. The Society works to promote the prosperity and development of chemical science and technology, to advance its popularization, to foster the growth of chemical science and technology professionals, and to integrate chemical science and technology with economic development, while protecting the legal rights and interests of chemical technology workers. It strives to build an open, hub-like academic organization.

In recent years, CIESC has been dedicated to its "four services" responsibilities: serving science and technology workers, serving innovation-driven development, serving national scientific decision-making, and serving the enhancement of national scientific literacy. With these commitments, the Society's influence has grown steadily. Currently, CIESC has 45 professional committees and 9 functional committees, with 523 institutional members and more than 73,000 individual members. The Society publishes six academic journals: *CIESC Journal*, *Chemical Industry and Engineering Progress*, *Chinese Journal of Chemical Engineering*, *Energy Storage Science and Technology*, *Petrochemical Technology*, and *Fine Chemicals*, while it has also taken the lead in bringing together more than 20 specialized journals in the field of chemical engineering and chemical industry, forming a branded matrix of academic exchanges. CIESC has established cooperative relationships with dozens of international organizations. It is one of the 9 members of the Executive Committee of the World Chemical Engineering Council (WCEC) and one of the 13 members of the boards of the Asian Pacific Confederation of Chemical Engineering (APCChE). CIESC vigorously promotes scientific spirit, encourages technological innovation, and strengthens international exchange, becoming a vital force in advancing China's chemical science and technology in the new era.



CIESC Leaderships

President

Dai Houliang

Academician of the Chinese Academy of Engineering (CAE);
Party Secretary and Chairman of China National Petroleum Corporation

Vice Presidents

Fang Xiangchen

Former President and Senior Advisor, SINOPEC Dalian Research Institute of Petroleum and Petrochemicals Co. Ltd.

Chen Jianfeng

Academician of the Chinese Academy of Engineering (CAE); Secretary-General of the Secretariat of CAE;
Professor, Beijing University of Chemical Technology

Zhang Suojiang

Academician of the Chinese Academy of Sciences (CAS); Former Director, Institute of Process Engineering, CAS;
President, Henan University

Ren Qilong

Academician of the Chinese Academy of Engineering (CAE); Director, Institute of Industrial Technology Transfer, Zhejiang University;
President, Quzhou Research Institute

Xu Chunming

Academician of the Chinese Academy of Sciences (CAS); Director, State Key Laboratory, China University of Petroleum (Beijing)

Zhang Liqun

Academician of the Chinese Academy of Engineering (CAE); President, Xi'an Jiaotong University

Xuan Fuzhen

President, East China University of Science and Technology

Jiang Juncheng

President, Nanjing Tech University

Wan Tao

Vice Chairman, Sinopec Group

Zhang Fang

Vice Chairman and Chief Technology Officer, SinoChem Holdings Corporation

Wang Jianbo

Vice Chairman, China National Offshore Oil Corporation

Yan Guochun

Vice Chairman, China Energy Investment Corporation

Li Liangjun

Vice Chairman, Shanghai Huayi Group

Pan Zheng'an

Former Editor-in-Chief, Chemical Industry Press Co., Ltd.

Chen Guohua* (scientist from Hong Kong, China)

Fellow of the Canadian Academy of Engineering; Chair Professor, Department of Chemical and Biological Engineering, Hong Kong University of Science and Technology

Zhu Shiping* (international scientist)

International Member of the Chinese Academy of Engineering; Fellow of the Canadian Academy of Engineering and the Royal Society of Canada

Secretary-General

Fang Xiangchen

Former President and Senior Advisor, SINOPEC Dalian Research Institute of Petroleum and Petrochemicals Co. Ltd.



CIESC Supervisors

Chief Supervisor

Hua Wei

Professor-level Senior Engineer, The Chemical Industry and Engineering Society of China

Deputy Chief Supervisor

Qian Xuhong

Academician of the Chinese Academy of Engineering (CAE); Former President, East China Normal University

Supervisors

Hu Xuteng

Chairman and General Manager, Professor-level Senior Engineer, Sinochem Energy

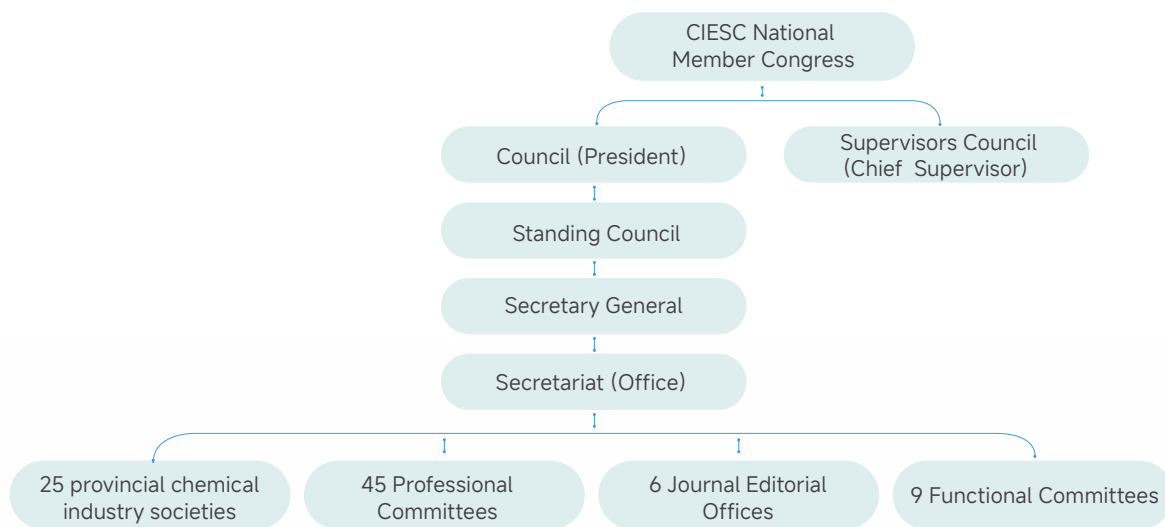
Xin Zhong

Professor, East China University of Science and Technology

Chen Yuanpeng

Deputy General Manager, Professor-level Senior Engineer, Development Planning Department, China National Petroleum Corporation

CIESC Organization Chart



Secretariat of the Chemical Industry and Engineering Society of China (CIESC)

Executive Vice President and Secretary-General

Fang Xiangchen

Deputy Secretaries-General

Hu Jie; Gong Yanling

Deputy Secretary-General (non-resident)

Fang Zhiping

Contact Email: ciesc@ciesc.cn

CIESC Committees

The branches under CIESC are established based on the needs of education, research, production, and application in the chemical engineering and related fields. These committees are professional branches of CIESC for conducting academic activities. CIESC's professional committees adhere to the development principles of sound organization, standardized operation, and academic democracy, and carry out activities based on the needs of disciplinary development. Currently, CIESC has 45 professional committees and 4 working committees as branches.

No	Committee Name	Chairman of the Committee	Committee Secretary General	Email
1	Chemical Engineering	REN Zhongqi	CHENG Daojian	chengdj@mail.buct.edu.cn
2	Petrochemical Engineering	YUAN Xianguang	ZHAO Peng	zhaop.bjhy@sinopec.com
3	Biochemical Engineering	TAN Tianwei	SU Haijia	su hj@buct.edu.cn
4	Fine Chemical Engineering	PENG Xiaojun	FAN Jiangli	zykzlb@sina.com
5	Coal Chemical Engineering	YANG Weimin	TENG Jiawei	tengjw.sshy@sinopec.com
6	Chemical Process Safety	YANG Zhe	WANG Lin	wangl.qday@sinopec.com
7	Environmental Protection	LIU Chunping	LI Hesheng	Lihsh.bjhy@sinopec.com
8	Industrial Water Treatment	HAN Yongqiang	MING Yunfeng	2068324250@qq.com
9	Chemical Machinery	HE Deqiang	ZHANG Zhiyuan	457302735@qq.com
10	Chemical New Materials	LI Xiaoyu	MU Yuanchun	2021500068@mail.buct.edu.cn
11	Inorganic Acids, Bases and Salts	ZHANG Lei	YANG Yumei	aais-yym@163.com
12	Chemical Fertilizer	LAI Chunbo	FAN Xuwen	1332545975@qq.com
13	Pesticide	JIANG Youfa	ZHAO Ping	zhaoping1@sinochem.com
14	Dyestuffs	XU Weichang	LI Xuemin	lixuemin@sinochem.com
15	Coatings & Finishing	DI Zhigang	WU Xiangping	Jeff@asiacoat.com
16	Information Technology Applications	ZHOU Min	ZHU Jie	zhujie@sinochem.com
17	Chemical Intelligent Manufacturing	ZHONG Weimin	SONG Bing	songbing@ecust.edu.cn
18	Ionic Liquids	ZHANG Suojiang	LI Chunshan	csli@home.ipe.ac.cn
19	Energy Storage Engineering	ZHU Qingshan	XI Xiangli	Esst_edit@126.com
20	Waterborne Technology Application	HU Zhong	YU Yingying	yuyy2@cnooc.com.cn

No	Committee Name	Chairman of the Committee	Committee Secretary General	Email
21	Simulation & Virtual Process Engineering	GE Wei	WANG Limin	lmwang@ipe.ac.cn
22	Petrochemical Equipment Maintenance	XU Gang	BAI Hua	baih@sinopec.com
23	Supercritical Fluids	REN Qilong	BAO Zongbi	baozb@zju.edu.cn
24	Sulfur, Phosphorus and Titanium Resource Chemicals	TANG Shengwei	WANG Xinlong	wangxl@scu.edu.cn
25	Filtration and Separation	XU Baoyun	LIU Deli	brand2008@163.com
26	Chemical Process Intensification	CHEN Jianfeng	DU Jinxiang	dujinx@sina.com
27	Thermochemistry and Engineering	XIAO Rui	ZENG Xi	zengxi@btbu.edu.cn
28	Petrochemical Ecological Engineering	ZHOU Yong	ZHANG Xiwen	zhangxiwen.fshy@sinopec.com
29	Daily Chemical Products	JI Hongbing	SHE Yuanbin	sheyb@zjut.edu.cn
30	Hydrocarbon Resources Processing and Utilization	LI Mingfeng	ZHANG Qundan	zhangqd.ripp@sinopec.com
31	Micro-Chemical Engineering and Technology	LUO Guangsheng	WANG Kai	kaiwang@tsinghua.edu.cn
32	Molecular Recognition Separation	REN Qilong	YANG Qiwei	yangqw@zju.edu.cn
33	Pharmaceutical & Chemical Engineering	ZHENG Yuguo	XUE Yaping	xyp@zjut.cdu.cn
34	Electronic Chemicals	ZHANG Suojiang	LIU Ruixia	rxliu@ipe.ac.cn
35	High-Purity Chemicals Process and Equipment	LI Qunsheng	LIU Dahuan	liudh@mail.buct.edu.cn
36	Carbon Neutrality	XIE Zaiku	QI Guozhen	qgz.sshy@sinopec.com
37	Big Data for Chemical Process towards Intelligent Design	LU Xiaohua	JI Yuanhui	yuanhui.ji@seu.edu.cn
38	Polymerization and Polymer Engineering	WANG Yuzhong	LIU Pingwei	liupingwei@zju.edu.cn
39	Silicon Energy and Chemical Engineering	LEI Zhigang	YANG Shengchao	shengchao.yang@shzu.edu.cn
40	Chemical Industry ESG	WANG Hualin	BAI Zhishan	baizs@ecust.edu.cn

No	Committee Name	Chairman of the Committee	Committee Secretary General	Email
41	Aromatics Committee (Preparatory)	SUN Lili	WEI Zhiqiang	weizhiqiang.sei@sinopec.com
42	Nuclear Chemical Engineering Committee (Preparatory)	YE Guo'an	XIAN Liang	hehuagongfenhui@163.com
43	Green Carbon Energy and Chemical Engineering Committee (Preparatory)	LV Xuefeng	JIANG Heqing	jianghq@qibebt.ac.cn
44	(Former) Rubber and Plastics Green Manufacturing	TIAN Ming	WU Xiaohui	wuxiaohui@mail.buct.edu.cn
45	(Former) Rubber Institute	LI Gaoping	FENG Tao	fengtao2004@hotmail.com
46	Engineering Ethics Education Committee	ZHAO Jinsong	DU Yi	dldy@tsinghua.edu.cn
47	Women Scientists Committee	XING Weihong	LIU Yu	liuyu@njtech.edu.cn
48	Youth Working Committee	XU Jianhong	CHEN Zhuo	2454781002@qq.com
49	Petrochemical Archives Committee	JIAO Xinting	HONG Yan	hongy.trqi@sinopec.com