国际农业技术创新与合作学术交流会圆满召开

Global Agricultural Tech Innovation Conference 2026 Marks New Era of Cooperation

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2026年1月11日，联合国教科文组织“科学促进可持续发展国际十年”农业工程科技助力全球可持续发展项目系列活动——国际农业技术创新与合作学术交流会议圆满落幕。

本次会议以“国际农业技术创新与合作”为主题，吸引了来自全球13个国家200余位农业领域科研专家、高校师生、产业从业者及国际合作伙伴广泛参与。会议聚焦全球农业可持续发展核心议题，围绕农业技术创新突破、跨境合作路径优化、人才与成果转化等关键方向开展深度研讨，为破解全球粮食安全、气候变化等共性挑战凝聚共识，也为服务“一带一路”农业交流合作搭建了重要平台。会议由国际学术组织联盟、非洲开放大学、利比里亚科学院、科技部生物质能科学与技术国际联合研究中心、生物质清

On January 11, 2026, the International Agricultural Technology Innovation and Cooperation Academic Exchange Conference—organized as part of UNESCO's *Project on Agricultural Engineering S&T for a Sustainable* Planet within the International Decade of Science for Sustainable Development (IYSSD)—concluded with resounding success

With the theme "International Agricultural Technology Innovation and Cooperation," the conference attracted over 200 participants, including agricultural research experts, university faculty and students, industry practitioners, and international partners from 13 countries. Centering on the core theme of global agriculture and sustainable development, the conference held in-depth discussions on key directions, such as breakthroughs in agricultural technological innovation, optimization of cross-border cooperation pathways, and talent development and achievement transformation. The conference consolidated consensus for addressing common challenges, including global food security and climate change, while serving as a vital platform for supporting agricultural exchanges and cooperation under the Belt and Road Initiative (BRI). Co-hosted by the International Academic Organizations Alliance, African Open University, Liberian Academy of Sciences, International Joint Research Center for Biomass Energy Science and Technology of the Ministry of Science and Technology(iBEST), Beijing International Science and Technology Cooperation Base for Clean Utilization of Biomass, Service Platform for International Professionals, and ZGC Tianhe Technology Transfer Center, the

“国际农业技术创新与合作学术交流会”活动现场讨论照片

Photos of the discussion at the Global Agricultural Tech Innovation Conference event site.

洁利用北京市国际科技合作基地、引智科技服务平台、中关村天合科技成果转化促进中心联合举办，有效保障了国际代表的广泛参与和高效互动。

作为专注国际科技创新服务的专业平台，引智科技服务平台充分发挥资源整合与统筹协调优势，联动全球优质智力资源与科研力量，搭建起高效务实的跨国线上交流桥梁。会议期间，利比里亚科学院院长Emmanuel Fred、乌兹别克斯坦塔什干灌溉与农业机械工程师国立研究大学教授Obid Tursunov、世界银行清洁炉具项目首席国际技

conference effectively guaranteed the broad participation and efficient interaction of international delegates.

As a professional platform dedicated to international science and technology innovation services, the Service Platform for International Professionals fully leverages its strengths in resource integration and overall coordination, linking high-quality global intellectual resources and scientific research forces, while facilitating an efficient and pragmatic cross-border online communication bridge. During the conference, four Chinese and international experts—Emmanuel Fred, President of the Liberian Academy of Sciences (LAS); Professor Obid Tursunov from Tashkent Institute of Irrigation and Agricultural Mechanization Engineers(Uzbekistan); Crispin Robert, Chief International Technical Advisor of the World Bank Clean Cookstoves Program; and Professor Zhou Yuguang from the International Cooperation Base for Biomass Energy Science and Technology at China Agricultural University—delivered keynote speeches in sequence. They shared cutting-edge achievements and practical experiences, striking a wide chord among the participants.

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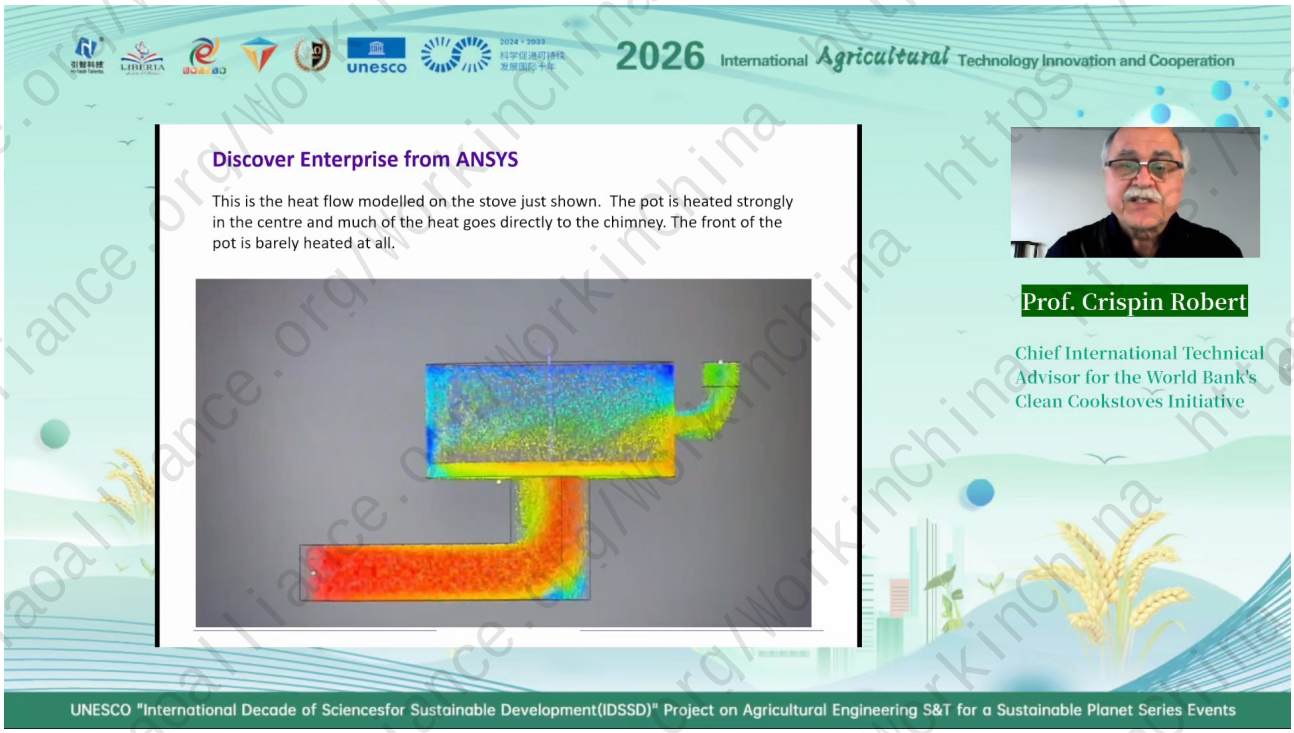
术顾问Crispin Robert、中国农业大学生物质能科学与技术国际合作基地周宇光教授四位中外专家依次作主题报告，分享前沿成果与实践经验，引发广泛共鸣。

Emmanuel Fred院长在《利比里亚科学院发展概况及利比里亚农业发展展望》报告中系统介绍，农业是利比里亚国民经济支柱，吸纳全国60%以上劳动力且对GDP贡献突出，但当前面临粮食高度依赖进口、农业机械化水平偏低等瓶颈；他还解读了利比里亚政府农业优化政策，介绍了2023年成立的利比里亚科学院（2025年成为

In his report titled "*Development of the Liberia Academy of Sciences and an Outlook on Agriculture Development in Liberia*," President Emmanuel Fred systematically elaborated that agriculture is the pillar of Liberia's national economy—it absorbs more than 60% of the country's labor force and makes a significant contribution to GDP. However, the sector currently faces bottlenecks such as a high degree of dependence on food imports and a relatively low level of agricultural mechanization. He also interpreted the Liberian government's agricultural optimization policies and introduced the achievements of the Liberian Academy of Sciences—established in 2023 and designated as the country's core think tank in 2025—which focuses on interdisciplinary research in multiple fields including agriculture and contributes to national reconstruction and economic diversification.

Professor Obid Tursunov shared his research findings on eco-friendly laser biotechnology for promoting plant growth



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国家核心智库）聚焦农业等多领域跨学科研究、助力国家重建与经济多元化的成效。

Obid Tursunov教授则分享了生态友好型激光生物技术在极端环境下促进植物生长的研究成果，实验数据显示该技术可改善植物生长状态、缩短种子发芽周期，在污染土壤修复、高盐度土壤植被恢复等场景极具应用价值。

前沿技术落地与国际协作是本次会议的核心聚焦点之一。Crispin Robert在报告中针对非洲传统炉灶热效率低、烟雾排放超标的问题，详解了改进型炉灶的创

in extreme environments. Experimental data indicate that the technology can improve plant growth conditions and reduce seed germination cycles. He revealed that the technology is of great application value in scenarios such as contaminated soil remediation and vegetation restoration in high-salinity soils.

Frontier technology implementation and international collaboration were among the core focuses of the conference. In his report, Crispin Robert addressed the issues of low thermal efficiency and excessive smoke emissions in traditional African stoves, elaborating in detail on the innovative design of improved stoves which have achieved enhanced thermal efficiency through structural optimizations such as ceramic grates and diffuser plates. He also shared a case study on the improvement of clove oil distillation stoves in Madagascar. The simulation includes a split-type structure and sealing optimizations that ensure the efficient cyclic utilization of energy, and the relevant technologies have

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新设计——通过陶瓷炉栅、扩散板等结构优化实现热效率提升，还分享了马达加斯加丁香油蒸馏炉改进案例，其分体式结构、密封优化等措施确保能量高效循环利用，相关技术已在鱼类产品干燥、食品加工等民生场景显现巨大潜力。

中国农业大学生物质能科学与技术国际科技合作基地、农业农村部可再生能源清洁化利用技术重点实验室骨干周宇光教授介绍了生物质能源技术研发与国际技术转移成果，介绍了生物质技术对降碳固碳的重要价值，推介了国际标准化组织沼气技术委员会工作进

demonstrated significant potential in livelihood-related scenarios such as fish product drying and food processing.

Professor Zhou Yuguang, a core member of the International Science and Technology Cooperation Base for Biomass Energy Science and Technology at China Agricultural University and the Key Laboratory of Technology for Clean Utilization of Renewable Energy, Ministry of Agriculture and Rural Affairs (MARA), introduced the achievements in the R&D of biomass energy technologies and international technology transfer. He elaborated on the significant value of biomass technologies in carbon emission reduction and carbon sequestration—presenting the progress of the Technical Committee on Biogas of the International Organization for Standardization (ISO) as well as the achievements in bilateral and multilateral cooperation.

Making closing remarks at the conference, Zheng Liwei, General Manager for the Service Platform for International

展及双多边合作成果。

引智科技服务平台负责人在大会总结时表示：“当前全球农业发展正面临资源整合与技术升级的双重机遇与挑战，推动跨境农业技术创新与合作是践行全球发展倡议、助力联合国2030年可持续发展目标的重要举措。本次大会成功搭建了农业科技国际交流桥梁，各方达成的合作共识为深化多区域协同发展奠定了坚实基础。未来，平台将持续发挥纽带作用，聚焦中国与乌兹别克斯坦、乌兹别克斯坦与非洲、中国与非洲等多区域合作需求，通过构建常态化学术交流机制、推动技术成果务实转化、强化人才精准对接等举措，助力打造互利共赢的国际农业合作新格局，为全球农业高质量发展贡献力量。”

据悉，引智科技服务平台已组建专业服务团队，为本次会议达成的合作共识提供全程跟进服务，通过技术需求对接、合作方案统筹、政策资源协调等全方位支持，推动合作事项落地见效。未来，平台将联合各方力量，持续策划开展系列跨境农业技术交流活动，促进全球优质农业技术与智力资源高效流动，为服务国家对外开放战略、推动全球农业治理体系完善贡献积极力量。

Professionals, stated: "Currently, global agricultural development is facing dual opportunities and challenges in resource integration and technological upgrading. Promoting cross-border agricultural technological innovation and cooperation was a significant endeavor to uphold the Global Development Initiative (GDI) and contribute to the UN 2030 Sustainable Development Goals (SDGs). This conference has successfully built an international exchange bridge for agricultural science and technology, and the cooperation consensus reached by all parties has laid a solid foundation for deepening multi-regional coordinated development. In the future, the platform will continue to play its linkage role, focusing on the cooperation needs of multiple regions such as China and Uzbekistan, Uzbekistan and Africa, and China and Africa. Through initiatives including establishing a regular academic exchange mechanism, promoting the pragmatic transformation of technological achievements, and strengthening precision talent matching, we will help create a new pattern of mutually beneficial and win-win international agricultural cooperation, and contribute to the high-quality development of global agriculture."

In a related development, the Service Platform for International Professionals has constituted professional service teams to provide full-process follow-up services for the cooperation consensus reached at this conference. Through comprehensive support, including the docking of technical needs, overall coordination of cooperation plans, and coordination of policy resources, the platform will continue to promote the effective implementation of cooperation initiatives. In the future, the platform will continue to collaborate with all parties to plan and implement a series of cross-border agricultural technology exchange activities. This will facilitate the efficient flow of high-quality global agricultural technologies and intellectual resources, and contribute positively to serving the national opening-up strategy, while improving the global agricultural governance system.