

非常规水资源配置与利用先进技术

Advanced Technology on Un-conventional Water Allocation and Utilization

9月14日 September 14th

14:00-15:30

主办单位：河海大学

Lead Organiser: Hohai University

协办单位：水资源高效利用与工程安全国家工程研究中心

Co-organiser: National Engineering Research Center of Water Resources Efficient Utilization and Engineering Safety

郭有智

Mr. Youzhi Guo



- 河海大学教授
- Professor of Hohai University
- 中国水利企业协会脱盐分会 会长
- President of Desalination Branch of China Water Enterprises Confederation
- 青岛水大会创始人
- Founder of Qingdao International Water Conference

- 郭有智教授是亚太脱盐协会首任秘书长，曾为澳大利亚科学院访问学者。现任中国海水淡化学会副会长，中国脱盐协会主席，杂志《中国脱盐》主编。郭有智教授通过他专业的学识和广泛的领域协作为海水淡化的技术发展与政策制定做出了卓越的贡献。郭有智教授同时是青岛国际水大会的创始人和承办人。
- Professor Guo is the first secretary-general for Asia-Pacific Desalination Association, and he used to be a visiting scholar to Australian Academy of Science. He currently serves as the vice chairman of China Seawater Desalination Society, chairman of China Desalination Association, chief editor of China Desalination Journal. Professor Guo has made significant contributions to the technology development and policy making for seawater desalination and water treatment through his intensive field study and industry-wide coordination. Professor Guo is the founder and co-organizer of Qingdao International Water Conference & Expo.

吕晓龙

Mr. Xiaolong Lv



- 博士，二级教授，博士生导师
- **Doctorate, Second Class Professor, Doctoral Supervisor**
- 新世纪百千万人才工程国家级人选
- **National Candidate of New Century Hundred Million Talents Project**
- 中国膜工业协会专家委员会副秘书长
- **Deputy Secretary General of China Membrane Industry Association Expert Committee**
- 中国膜工业协会疏水膜技术与工程应用专业委员会主任
- **Director of China Membrane Industry Association's Specialized Committee on Hydrophobic Membrane Technology and Engineering Applications**
- 北京膜学会副理事长
- **Vice Chairman of Beijing Membrane Society**
- 《膜科学与技术》杂志副主任编委
- **Deputy Chief Editorial of Membrane Science and Technology Journal**
- 《水处理技术》杂志常务编委
- **Standing Editorial of Water Treatment Technology Journal**

- 吕晓龙教授主持或主要承担国家和省部级以上科技攻关项目**30**多项，其中包括国家高新技术重大产业化项目、科技部**863**、**973**项目、国家自然科学基金面上项目等。已获权发明专利**30**多件，获国家技术发明二等奖**1**项，省部级科技进步奖**12**项，国家重点新产品两项，天津市优秀专利奖一项。以第一或通讯作者发表期刊研究论文**210**余篇。
- Professor Lv has presided over or mainly undertaken more than 30 national and provincial and ministerial level scientific and technological research projects, including national high-tech major industrialization projects, 863 and 973 projects of the Ministry of Science and Technology, and the top-level projects of the National Natural Science Foundation of China. He has granted more than 30 patents for inventions, one second prize of national technological invention, 12 provincial and ministerial-level scientific and technological progress awards, two national key and new products, and one excellent patent award in Tianjin. He has published more than 210 research papers in journals as the first or corresponding author.

王同春

Mr. Tongchun Wang



- 金科环境股份有限公司首席科学家、董事、高级副总裁。

Chief Scientist, Director, and Senior Vice President of Jinke Environment Co., Ltd.

- 擅长水质科学与水处理工艺、材料与工程技术，水深度处理与资源化/膜组合工艺饮用水高级处理工艺与工程，饮用水水质、输配水系统水质化学稳定性和生物稳定性控制原理和技术等。
- Proficient in water quality science and water treatment processes, materials and engineering technologies, advanced drinking water treatment processes and engineering for deep water treatment and resource utilization/membrane combination processes, principles and technologies for controlling chemical and biological stability of drinking water quality and transmission and distribution system water quality.
- 具有30年以上水深度处理系统的研发、设计、装备制造、工程建设及运营管理经验。
- Having over 30 years of experience in research and development, design, equipment manufacturing, engineering construction, and operation management of water deep treatment systems.

- 创新性地推出**PIPP“以水养水”及“蓝色生态园/工厂模式”商业模式**，利用污废水生产高品质、高附加值的再生水，出售给工业企业，以水（再生水/新生水）养水（污水处理）。
- **Public-Industry-Private Partnership business model and Blue Industrial Park model, which can balance the cost of urban sewage treatment by providing reclaimed water to industries as a cost-effective substitution.**
- **2021年提出“工程产品化”创新理念，2023年产品化新产品-新水岛发布，新水岛产品是利用综合膜应用技术对以污水厂的尾水进行深度处理，生产高品质再生水，以满足工业企业用水需求，同时降低工业企业的用水成本，替代自然水源，缓解水资源短缺、扩大环境容量；同时，以产品的方式和理念去建设水处理设施，能够大幅度的提高水厂的有效投资率，节约水厂的建设以及运行成本，同时全厂设备设施可以实现移动装备化，降低投资风险。**
- **The innovation concept of “Engineering Productization” was proposed in 2021, and in 2023, the new product - Newater Island - was officially launched. Newater Island product is taking advanced treatment for wastewater effluent by using comprehensive membrane application technology to produce high-quality reclaimed water, so as to meet the water demand of industrial enterprises and reduce the water cost of industrial enterprises, replace natural water sources to alleviate the shortage of water resources and expand the environmental capacity; At the same time, Newater Island can greatly improve the effective investment rate of water plants, save the construction and operation costs of water plants, and the whole plant equipment and facilities can realize mobile equipment and reduce investment risks.**