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爱德华·朱利亚诺: 高校在城市可持续发展中起关键作用





图为纽约理工学院校长爱德华 • 朱利亚诺博士。(资料图片)

中国教育新闻网讯(记者 刘继源)10月20日,由北京大学和纽约理工学院联合召开的"可持续发展的特大城市:食品、能源和水资源关系"国际会议在北京召开。纽约理工学院校长爱德华·朱利亚诺博士发表了题目为"高科技,高等教育和可持续发展的城市"的主题演讲。

"当今城市发展所面临的挑战,既严重且相互关联。我们需要全面的、跨领域和跨文化的思想创意来解决一些棘手的难题。"爱德华·朱利亚诺说,纽约理工学院是可替代能源科技与可持续性建筑实践的早期创新者。"我们的教职员工几十年来一直在设计、获取相关专利以及展示相关课题成果,这些专利奖项及可持续设计作品都体现出纽约理工学院在应用研究方面所做出的努力。"

在谈到人口超过一千万的特大城市所面临的问题,以及如何让居民提高生活质量时,爱德华·朱利安诺认为,高校将在其中发挥关键作用。"大学所做的研究和开发将有助于解决这一问题,纽约理工学院会保持在最前沿,我们也需要这些方案去解决特大城市发展中的一些问题,当然这些方案同样适用于世界其他特大城市。"

"我们还定期通过在线教育、教师授课等方式,在中小学校开展环境教育,通过各种互动学习,来提高青少年的环境保护意识。"爱德华·朱利亚诺说,"纽约理工学院把与环境保护相关的课程都设置为核心课程,老师和学生们除了在学校学习相关知识外,回家后他们还可以把最新的环保知识传递给家人,这样也起到了扩散教育的作用。"

据悉,本次会议是纽约理工学院自2010年以来在中国合作举办的第五次国际会议,与会专家还就城市环境中的农业、人口、水资源及能源问题展开讨论。

Short Synopsis:

Sustainable Megacities: Food, Energy, Water, and the Built Environment

New York Institute of Technology (NYIT) co-hosted with Peking University (PKU) an important and timely international conference on October 20 in Beijing entitled Sustainable Megacities: Food, Energy, Water, and the Built Environment, under the U.S.-China, NYIT-PKU EcoPartnership, a distinguished ongoing relationship maintained by the universities and their governments.

During his opening remarks, "Hi-Tech, Hi-Ed and Sustainable Megacities", NYIT President Guiliano mentioned that the challenges megacities face today are serious and interlinked. "We need holistic, interdisciplinary, and cross-cultural ideas. Megacities will also rely on emerging technologies, such as data analytics." He added, "Cities succeed because they increase proximity and information flow, and universities are even better at that, bringing smart, well-informed people together to address major problems. At this conference we

create and share knowledge and ideas, to help make megacities more sustainable. We are using the greatest virtues of cities to solve some of their most daunting problems."

In his opening remarks, President Edward Guiliano also mentioned the need to spur dialogue to find solutions that will make life better for their inhabitants throughout the world and the crucial role universities will play in the decades ahead. "Universities do significant research and development that help solve key problems. NYIT is at the forefront here, researching hot cities, water supply, solar power, and far more. We will absolutely need these solutions for megacities. We also promote online education featuring environmental issues in primary and secondary schools, through a variety of interactive activities, to raise environmental awareness of young people." President Giuliano said, "NYIT is setting up the related environmental protection courses as the core curriculum, teachers and students get the relevant knowledge and bring it to their family, which also play a key role in the diffusion of education."

This is the fifth NYIT co-hosted international conference in China since 2010, with a selected audience of U.S. and Chinese scholars, educators, industry practitioners, government agency representatives, urban planners, policymakers, and NYIT students.