G20 GLOBAL LAND INITIATIVE

5-day training workshop on:

URBAN PLANNING TOOLS FOR ADDRESSING LAND DEGRADATION AND PROMOTING LAND RESTORATION

22-26 July, 2024 | Bangkok, Thailand

ASIAN INSTITUTE OF TECHNOLOGY 1959

UNITED NATIONS DECADE ON ECOSYSTEM RESTORATION 2021-2030

Scan to register
or visit **bit.ly/49pCV0c**

Last day to apply
1 June 2024
Applicants will be selected on a rolling basis

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URBAN PLANNING TOOLS FOR ADDRESSING LAND DEGRADATION AND PROMOTING LAND RESTORATION

This workshop will offer a set of master classes on urban land degradation and will showcase how planning tools can be used to halt or reverse land degradation and to promote land restoration. The programme will include technical sessions, case studies, field trips and group discussions. The topics to be covered will include the nexus between climate change and land degradation, contextualization of urban land degradation within planning; aspects of development control for disaster risk reduction. Participants will be exposed to contemporary urban planning tools and methodologies (Artificial Intelligence, Drones etc.) They will also be exposed to technology in sustainable urban planning including Geographic Information Systems (GIS), remote sensing, and other technological innovations in urban planning to aid land restoration. Circular economy in Urban Planning and green cities concepts as tools for land restoration .

Participants who complete the course will understand:

- The role of planning in halting and reversing land degradation and promoting restoration
- The plethora of planning tools that can be adapted for use in promoting land restoration
- Witness first-hand the positive outcomes of successful planning and restoration.
- Witness first-hand the negative aspects of poor planning and degradation.
- The nexus between climate change and land degradation.

THE WORKSHOP IS DESIGNED FOR:

The training programme is tailored for urban leaders (for example mayors and elected officials), planning officers in municipalities, Local Government Areas (LGAs,) Civil society organisations (CSO's), urban planners, and other stakeholders based on the recognition of their pivotal roles in shaping and implementing sustainable urban planning practices that can halt land degradation. By engaging these key stakeholders in a one-week dialogue session, the training aims to create a collaborative and informed approach to address the challenges posed by land degradation through effective urban planning tools.

Register Today

For more information, please contact: abose@unccd.int

ABOUT THE ASIAN INSTITUTE OF TECHNOLOGY (AIT)

The Asian Institute of Technology (AIT) is an independent, international postgraduate educational institution founded in 1959 to help meet the region's growing needs for advanced learning in engineering, science, technology, resources and development, and management. As a leading academic institution in Asia dedicated to sustainability, AIT has been collaborating with partners for over six decades to contribute to the region's sustainable development. Through its five thematic areas - Climate Change, Smart Communities, Food-Energy-Water, Infrastructure, and Technology, Policy, and Society - AIT focuses on learning and research strategies that aim to reduce poverty, mitigate risks, conserve resources, and create green job opportunities by fostering sustainable livelihoods in Asia through its more than 25 academic programs, such as natural resources management, climate change, urban innovation and sustainability, remote sensing and GIS, data science and AI, development planning, etc. AIT provides continuing education, short-course training, and consultancy services through its outreach centres. The majority of its 26,000+ Master's/Doctoral graduates and 38,000+ short-course trainees are successful in both the public and private sectors in more than half the world's countries. AIT is ranked within 100 globally recognized universities for its work. More information on AIT can be found at www.ait.asia

ABOUT G20 GLOBAL LAND INITIATIVE

The ambition of the G20 Global Initiative on Reducing Land Degradation and Enhancing Conservation of Terrestrial Habitats (G20 Global Land Initiative) launched during the Saudi Arabian Presidency is to achieve a 50 per cent reduction in degraded land by 2040. To inspire all stakeholders to collectively deliver on land conservation and restoration outcomes: we showcase success stories; engage the private sector; empower civil society and the public; and share knowledge to build capacity among G20 members as well as interested non-member countries and other stakeholders.

More information on the initiative can be seen at www.g20land.org/

COURSE FACILITATORS

The course is developed by the G20 GLI in collaboration with AIT Scientists and will be co-facilitated by:

- **Prof. Rajendra P. Shrestha** - Land degradation, climate change and ecosystem, AIT
- **Prof. Vilas Nitivattananon** - Urban sustainability, impact assessment, AIT
- **Dr. Malay Pramanik** – Climate change and disaster, urban resilience, AIT
- **Dr. Manzul Hazarika** - Geoinformatics (RS/GIS/Drones) applications and modelling in disaster, AIT
- **Dr. Sarawut Ninsawat** - Artificial Intelligence, big data, machine learning, AIT
- **Prof. Iyenemi Ibimina Kakulu** - Land management and restoration, UNCCD G20 GLI

Language of Instruction: English

Course Duration: 5 days

Dates: July 22-26, 2024

Course Fee: The course will be free of cost for the selected candidates. Travel support will be available to participants on a need basis.

Register Today

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