



International Telecommunication Union  
Arab Regional Office (ARB)



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- Administrations of ITU Member States
- Regulators
- ITU-D Sector Members and Associates
- Academia Institutions  
In the Arab States region
- Regional and International Organizations  
concerned
- Regional chairs and vice chairs of the  
Advisory Groups and Study Groups

**Subject: ITU Centres of Excellence Online Training Course on “Application of GIS in Environmental Management and Resources Protection - Level 1”**

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on **“Application of GIS in Environmental Management and Resources Protection - Level 1”**, organized jointly by the International Telecommunication Union (ITU) and the Tunis International Centre of Environmental Technologies (CITET), from **12 to 16 July 2021**, as part of the ICTs & the Environment Program under the auspices of the ITU Centres of Excellence for the Arab States region. The training will be delivered in Arabic and English.

This training aims to give a new way for monitoring environment change, mitigating and adapting to its effects by new innovative solutions that can ensure a sustainable future.

By the end of this training, the participants should be able to:

- ✓ Understand fundamental concepts and practices of Geographic Information Systems (GIS).
- ✓ Apply basic GIS functionalities.
- ✓ Demonstrate organizational skills in file and database management.
- ✓ Apply GIS analysis to address geospatial problems and/or research.
- ✓ Demonstrate proficiency in the use of GIS tools to create maps.
- ✓ Demonstrate confidence in undertaking new analysis using GIS.
- ✓ Give examples of interdisciplinary applications of Geospatial Information in relation with Environment.

This training course targets engineers, technicians, projects managers in the Ministries of Information Technology and Communications (ICT), Ministries of Environments, ICT regulators, private sector working in the environment issues. Other institutions and individuals who are interested in having an overview of Environmental Management System (EMS) are also welcome to participate in this training course.

Detailed information on this training course is described in the training course outline, which can be downloaded from the ITU Academy portal at the following link ([Click here](#))<sup>1</sup>. Registration should be made online at the aforementioned link no later than **7 July 2021**. Payment details are specified in the training course outline.

Should you require any further information, Eng. Mustafa Al Mahdi, Programme Officer, at ITU Arab Regional Office, E-mail: ([mustafa-ahmed.al-mahdi@itu.int](mailto:mustafa-ahmed.al-mahdi@itu.int)) and Mr. Jawhar Abdelkrim, CITET, Email: ([financement@citet.nat.tn](mailto:financement@citet.nat.tn)) are at your full disposal.

Looking forward to your active participation in this online training course.

Yours faithfully,

[Original signed]

**Adel M. Darwish**  
Regional Director  
Arab Regional Office

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<sup>1</sup><https://academy.itu.int/training-courses/full-catalogue/applications-gis-environment-management-and-resources-protection-level-1>