

# Call for Applications

**On-line training**

**HARNESSING THE GEOSPATIAL KNOWLEDGE  
SYSTEM TO ENABLE IMPLEMENTATION OF  
AFCFTA FOR BUILDING FORWARD BETTER**

**Coming soon**

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**On-line training**

# **HARNESSING THE GEOSPATIAL KNOWLEDGE SYSTEM TO ENABLE IMPLEMENTATION OF AFCFTA FOR BUILDING FORWARD BETTER**

## **Announcement in Brief**

### **Call for Applications**

**Type :** Short Term Course

**Programme Area :** GIS, NSDI, Trade

**Beginning end of the course :** 30 August – 15 October 2021

**Duration :** 6 weeks

**Language :** Bilingual (English-French)

**Location :** Web Based E-Learning

**Fee :** No Fee

**Application Deadline :** 17th August 2021

**target audience :** No

**Website :** <http://services.unidep.org/e-idep/>

**Applications:** <https://www.unidep.org/?apply>

## PROGRAM RATIONALE



The United Nations 2030 Agenda for Sustainable Development; and the African Union Agenda 2063 emphasizes the need for global Geospatial Information for Sustainable Development (GI4SD) management.

In the current digitalisation era, geospatial technologies are revolutionizing the economy. From navigating public transport to tracking supply chains and planning efficient delivery routes, the digital services built on GPS and current mapping data have quietly become part of daily life and trade. With the increase of mobile technology and communications, handheld smartphones have democratized mapping, moving geospatial technology into the hands of every individual. Bottom-up, commercial, and consumer-driven information platforms and applications are innovative and have had big impacts on society.

Digital platforms, logistics technologies, and data-processing advances will continue to reduce cross-border transaction costs and enable all types of flows. GIS-based market analysis help in presenting the relationship between the components of the market; that is, the customers, suppliers, and competitors. Strategies such as target marketing, micro-marketing, and relationship marketing all require that firms capture and maintain detailed information about their customers. GIS is a powerful tool in market analyses because it also provides a way to bring together data from multiple sources and link them based on spatial attributes.

As countries focus on building forward better, after the pandemic, the digitalisation of the AfCFTA becomes a strategic recovery plan.

It is in this context that IDEP and the African Statistics Center of the ECA are organizing an online training on "Harnessing the geospatial knowledge system to enable the implementation of the AfCFTA for building forward better".

The objectives of the course are to increase and improve awareness, knowledge and understanding of the IGIF and its role in the establishment of NSDI and Geospatial Information Strategies for the establishment of the AfCFTA.

It will deal with the availability and accessibility of geospatial information and its integration with statistics and other data in support of national development actions, and the implementation of the sustainable development agenda 2030 and agenda 2063 in response to the COVID-19 pandemic.

## LEARNING OBJECTIVES



At the end of this online course, participants should be able to:

1. Understand the AfCFTA context with regard to Digital Transformation Strategies in Africa and their location data needs
2. Analyze and discuss the Global Geospatial Information Framework (IGIF) and to design, plan and implement Geospatial Information strategies
3. Understand the IGIF Framework Implementation Guide at the national level
4. Discuss the implementation of the action plan of Strategies designed to meet national development needs
5. Understand the establishment of National Geospatial Data Infrastructures (NSDI) as an approach towards interoperable and open data platforms.
6. Adopt a monitoring and evaluation frameworks taking into account the 2030 and 2063 agendas
7. Review case studies on the use of Geospatial Information for the implementation of the AfCFTA

## CONTENT AND STRUCTURE



The course comprises 5 modules. The outline of the modules is as follows:

- Module 1: Geospatial Knowledge Infrastructure and AfCFTA
- Module 2: Integrated Geospatial Information Framework
- Module 3: Implementation of the IGIF
- Module 4: Country level action plan
- Module 5: Implementation of National Geospatial Data Infrastructures
- Module 6: Case studies

## METHODOLOGY



This self-paced course will be delivered from 30 August to 15 October 2021. The course will be moderated asynchronously on a weekly basis and participants are required to participate in the weekly on-line discussions. In addition, each module has interactive lessons that provide the core content around the topic for that module. The lessons are designed in a way that learners are also able to self-assess their understanding through built-in quizzes. Additional resources such as bibliographies, web links and optional readings are provided for participants who wish to deepen their knowledge of the course topic.

For the applications exercises and Cases studies the participants will have access the online GIS plateformes.

## TARGET AUDIENCE

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The course targets groups and individuals that are interested in development, monitoring and evaluation of Public Policies, and Development Plans, in various socio-economic sectors and territorial, national and local positions: Planners, Geomatics, Professional Producers, Managers and users of Geospatial Information, Decision-makers from various socio-economic sectors.

They include:

- Civil servants in National Ministries and Agencies responsible for urban development and local Government as well as Ministries of Trade, Finance, planning and Economic development
- Diplomats from Permanent Missions and Ministries of Foreign Affairs
- Officials from Regional Economic Communities (RECs)
- Professionals in private sector and civil society organizations
- Faculty, researchers and students
- Interested citizens

## ADDITIONAL INFORMATION

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### Acceptance to the Course

Applicants to the course are expected to have, as a minimum, a bachelor's degree. In addition, two years of work experience will be required in planning, Commerce, urbanization, Local Economic Development, Finances and related areas in the Africa context. Women candidates are also strongly encouraged to apply.

Until the registration deadline, participants are accepted to the course on a rolling basis and subject to availability of slots.

Applications must be completed exclusively on IDEP online application platform at <https://www.unidep.org/?apply>

### Certificate of Completion

A Certificate of Completion will be issued by IDEP to all participants who successfully complete the course-related self-assessments presented for each module.

### Technical Requirements

Access to internet is an essential condition for participation. The following specifications, as a minimum in terms of hardware and software, are required to take this e-Learning course, please consult your Network Administrator or Systems person to ensure that you have the following:

- Platform: Windows 95, 98, 2000, NT, ME, XP or superior; Mac OS 9 or Mac OS X; Linux
- Hardware: 64 MB of RAM, 1 GB of free disk space

- Software:
  - o Adobe Acrobat Reader
  - o Adobe Flash Player
  - o Microsoft Office (Windows or Mac) or Open Office
  - o Browser: Internet Explorer 7 or higher or Firefox 36 or higher
- Modem: 56 K
- Note that JavaScript, Cookies and Pop-ups must be enabled

## CONTACT INFORMATION

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