



---

## AFRALTI

### Online Training on

### Spectrum Management Training Programme OM-1 Legal Basis and Regulatory Framework

Online 3<sup>rd</sup> – 28<sup>th</sup> August 2020

## TRAINING OUTLINE

---

### COURSE DESCRIPTION

---

Title	<b>Legal Basis and Regulatory Framework</b>
Method of delivery	Online
Objectives	This module covers the overall context and objectives of spectrum management and its practical realization in a complex multi-layered structure of international, regional and national levels. It includes the role and functions of the different stakeholders, the legal framework underpinning all of the interactions and the role and operational principles of authorization processes (licensing) of radio services.
Dates	<b>3<sup>rd</sup> – 28<sup>th</sup> August 2020</b>
Duration	4 weeks
Registration deadline	31/07/2020
Training fees	<b>USD 200</b>
Course code	200I26098MUL-E
Course Domains	<ul style="list-style-type: none"><li>• ITU and its organs</li><li>• Regulatory Frameworks</li><li>• History of Radio communication</li><li>• Computer Aided Spectrum Management</li></ul>
Reference	ITU Handbooks ITU Handbook on Land Mobile (several volumes...) ITU Handbook on Digital Radio-Relay Systems... ITU Handbook on IMT-2000

---

## LEARNING OUTCOMES

---

It is expected that upon completion of the training session, participants will be able to:

Have knowledge of

- How spectrum management has evolved over the years.
- The structure and balance between national and international bodies in spectrum management.
- The key principles that underpin national and global spectrum management.

An understanding of

- Understand the overall context and objectives of SM and its practical realization in a complex multi-layered structure of international, regional and national levels.
- Understand the role and functions of the different stakeholders involved and the legal framework underpinning all of the interactions.
- Understand the role and operational principles of authorization processes (licensing) of radio services.

They should have the ability to

- Ability to interpret the provisions of ITU Radio Regulations, ITU-R Recommendations and Reports.
- Ability to interpret and update the content of National Frequency Allocation Table e.g. as result of decisions taken at WRCs.
- Ability to organise the national process of new/revised spectrum allocation.

## TARGET POPULATION

---

This training is targeted those who are entering the regulatory environment and are interacting with technologies as operators, developers or managers. It is targeted at those aiming to understand workings of various technologies with a view to developing a general overview of trends.

This may include professionals working in the telecommunications industry, lawyers, regulatory staff across all departments.

Besides that, other institutions and individuals that are dedicated to building their capacity related to new technologies are welcome to participate.

## TUTORS/INSTRUCTORS

---

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Dr. John Mpapalika	<a href="mailto:mpapalika@troca.co.tz">mpapalika@troca.co.tz</a> Tel: +255762545228

## EVALUATION

---

Participants should score an overall mark of 60%. The evaluation is based on:

- Participation in all 4 Forums (5%)
- Participation in all 4 chats (5%)
- Quiz week 1 (10%)
- Quiz week 2 (10%)
- Quiz week 3 (10%)
- Quiz week 4 (10%)
- Written assignment (50%)

## TRAINING SCHEDULE AND CONTENTS / AGENDA

### Agenda (for online training)

Week	Activity	Exercises and Interactions
Week 1 <ul style="list-style-type: none"> <li>Historical background and evolution of spectrum management</li> <li>ITU's role and structure</li> <li>ITU Radiocommunication Sector</li> </ul>	Read part 1 Materials and references Participate in 1 chat Make comments on the forum Take a short quiz	<b>Forum topic:</b> ITU impact on local spectrum Management regimes.  <b>Chat:</b> Thursdays at 15:00hrs – 16:30hrs  <b>Quiz:</b> Friday from 17:00hrs – 18:00hrs
Week 2 <ul style="list-style-type: none"> <li>ITU Constitution and Convention, World Radiocommunication Conferences</li> <li>ITU Radio Regulations</li> <li>International regional cooperation structures</li> </ul>	Read part 2 Materials and references Participate in 1 chat Make comments on the forum Take a short quiz	<b>Forum topic:</b> How do the RRs apply to your day to day business as a regulator? And how often do they influence your work.  <b>Chat:</b> Wednesday at 15:00hrs – 16:30hrs  <b>Quiz:</b> Friday from 17:00hrs – 18:00hrs
Week 3 <ul style="list-style-type: none"> <li>National legal frameworks relevant to spectrum management</li> <li>National Frequency Allocation Tables</li> <li>National Regulatory Authorities: typical structures and functioning</li> </ul>	Read part 2 Materials and references Participate in 1 chat Make comments on the forum Take a short quiz	<b>Forum topic:</b> Describe the development of Spectrum Management in your country. What legislation if necessary was put in place?  <b>Chat:</b> Thursday at 15:00hrs – 16:30hrs  <b>Quiz:</b> Friday from 17:00hrs – 18:00hrs
Week 4 <ul style="list-style-type: none"> <li>Other national stakeholders involved in spectrum management</li> <li>Frequency use authorization</li> </ul>	Read part 2 Materials and references Participate in 1 chat Make comments on the forum	<b>Forum topic:</b> To what extent is the automation of Spectrum Management processes a good.  <b>Chat:</b> Wednesday at 15:00hrs – 16:30hrs  <b>Quiz:</b> Friday from 17:00hrs – 18:00hrs

processes for various radio services <ul style="list-style-type: none"> <li>• Overview of software tools and automated management systems</li> </ul>	Take a short quiz	
--	-------------------	--

## METHODOLOGY

- Instructor-Led online learning

## TRAINING COORDINATION

<b>Training Coordinator:</b> Jonathan Mwakijele Head of Management, Policy and Regulatory Unit African Advanced Level Telecommunications Institute (AFRALTI)  Tel: +254 20 444 0634 Mobile: +254 718 860 897  Email: <a href="mailto:Jmwakijele@afralti.org">Jmwakijele@afralti.org</a>	<b>ITU Coordinator:</b> Halima Letamo Training and Development Officer International Telecommunications Union Place des Nations CH-1211 Geneva 20  Tel: +41 22 730 5637  Email: <a href="mailto:halima.letamo@itu.int">halima.letamo@itu.int</a>
---	--

## REGISTRATION AND PAYMENT

### Registration on ITU Academy Portal

Registration and payment should be made online at the ITU Academy portal.

To be able to register for the course you **MUST** first create an account in the ITU Academy portal at the following address:

<https://academy.itu.int/index.php/user/register>.

### Course registration

When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/training-courses/full-catalogue/om1-legal-basis-and-regulatory-framework-spectrum-management>

You can also register by finding your desired course in our training catalogue <https://academy.itu.int/index.php/training-courses/full-catalogue>.

### Payment

#### 1. On-line payment

A training fee of USD 200 per participant is applied for this training. Payment should be made via the online system using the link mentioned above for training registration <https://academy.itu.int/training-courses/full-catalogue/om1-legal-basis-and-regulatory-framework-spectrum-management>

#### 2. Payment by bank transfer

Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make a bank transfer to the ITU bank account shown below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to [Hcbmail@itu.int](mailto:Hcbmail@itu.int) and copy the course coordinator. **All bank transaction fees must be borne by the payer.**

### 3. Group payment

Should you wish to pay for more than one participant using bank transfer and need one invoice for all of them, create an account as **Institutional Contact**. **Institutional Contacts** are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the **“My account”** button in the user menu. At the bottom of this page you should see two buttons:

- a. If you want to **become an institutional contact**, click on the **“Apply to be an Institutional Contact”** button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on **“continue”** and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.
- b. If you want to **belong to an existing organization**, click on the **“Request to belong to an Institutional Contact”** button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on **“continue”**, a request will then be created. The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.

**Failure to submit the above documents may result in the applicant not being registered for the training.**

#### ITU BANK ACCOUNT DETAILS:

Name and Address of Bank:	UBS SA Case postal 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union Internationale des Télécommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	<b>USD 200</b>
Payment Reference:	200I26098MUL-E - P.40635.1.01