



International Forest & Environmental Development

- Forest Resources Management
- Remote Sensing and GIS
- Environment
- Climate Change Mitigation
- Training and capacity building

IFED 2021 ONLINE TRAINING

In partnership with Queen's University (Ontario, Canada), IFED is launching three online training courses on mining management, waste management and circular economy and on protected areas management. Please find below a brief description of the training and its modalities.

MFE 203: Mining Management and Environmental Protection

Context: Africa has experienced a mining expansion since the 2000s. This has created economic growth in this sector. "More than 30% of the world's mineral reserves are in Africa and the exploitation of mineral resources is the basis for the development of several African countries. On the other hand, the mining sector contributes significantly to greenhouse gas emissions on a continent already vulnerable to climate change." (Komassi, 2017)

Objective: The objective of this training is to enable learners to acquire the tools necessary for environmentally sound mining management, minimizing environmental impacts while maintaining or increasing current and long-term revenues. This training will also enable them to learn how to expand their network in order to increase present, potential and future markets to improve the contribution of the artisanal and professional sector to the national economy.

Articulations:

- ❖ Mining issues and concepts;
- ❖ Mining and economic growth;
- ❖ Site characterization, reclamation techniques;
- ❖ Monitoring and follow-up to minimize environmental impacts;
- ❖ Governance (economic considerations, process management, and actors involved).
- ❖ Environmental, social and economic issues related to mining and industrial projects in their implementation, operation and post operation phases;
- ❖ Measures and procedures for financing the closure and rehabilitation of sites;
- ❖ Methods for assessing environmental, social and economic impacts in the specific context of mining and industrial projects ;
- ❖ Methods of managing mining waste ;
- ❖ Techniques for decontamination and rehabilitation of artisanal and industrial mining sites ;
- ❖ Networking techniques to improve professional network, and increase current and future income while minimizing impact on the environment

Date : **Tuesday, September 28 to October 1, 2021**

Registration deadline : **September 20, 2021**

We invite you to use the link below to register:

<http://ifed-inc.ca/2020/02/13/mfe-203-mining-management-and-environment/>

MFE 208: EFFECTIVE MANAGEMENT OF PROTECTED AREAS (PAs)

Protected areas are the main mechanism for safeguarding biodiversity, the cornerstone that each State has for achieving the objectives of maintaining and sustainably using biodiversity and meeting its commitments to the international convention on biological diversity. However, despite efforts to conserve biodiversity and biological heritage through protected areas, the world's biological diversity is increasingly threatened or even disappearing for many of them related to pressures of all kinds, but also because of the vulnerability of the local populations, sustainable financing, that require ecologists, managers of protected areas, local populations, technicians and engineers in the ministries concerned to reconsider the traditional ways of managing protected areas.

This course will enable participants to master the tools and techniques of planning for effective management of PAs, in order to significantly improve their contribution to the conservation of biological diversity and the improvement of living conditions of the local populations. This course will also enable participants to master the standards of management, as well as the mechanisms for sustainable financing of PAs in order to mitigate the problem of economic and ecological profitability of the conservation of protected areas.

Articulations

- National conservation policies
- Presentation of appropriate planning and management tools for protected areas
- Biodiversity restoration inside and outside protected areas
- Landscape & ecological connectivity approaches and transboundary management
- Participatory approaches and biodiversity management
- Sustainable management of natural resources in PAs
- Valuation of wildlife in and around PAs (Ecotourism, sport hunting, village hunting)
- Total Economic Value (TEV) of Protected Areas
- Prevention of zoonotic diseases
- Ecological monitoring, wildlife inventory techniques and GIS concepts, monitoring system of the bushmeat sector in Central Africa (SYVBAC)
- Sustainable financial mechanisms and lobbying
- Planning and management of human resources

Date : **06 to 08 October 2021**

Registration deadline : **September 27, 2021**

We invite you to use the link below to register:

<http://ifed-inc.ca/2020/02/09/mfe-208-integrated-wildlife-management/>

MFE 302: WASTE MANAGEMENT - VALUE CHAIN AND CIRCULAR ECONOMY

The urban and rural population growth followed by an approximate management of industrial and household wastes makes that in our cities the waste management has become a major concern that harms the health of the populations, but also creates huge pollution and degrades the quality of our cities and countryside. To limit this environmental crisis, a new concept of waste management based on the minimization of the ecological footprint in the process of value chains called circular economy is increasingly promoted. *The circular economy (CE) is the set of activities that aim at reduction, reuse and recycling during the process of production, circulation and consumption.*

The MFE 302 training entitled "*Waste Management - Value Chain and Circular Economy*", is articulated around the following points:

- Waste management and transformation
- Value chains
- The circular economy
- Life cycle analysis
- The 3RVE and waste management
- Carbon footprint
- Social acceptability
- Role of actors and stakeholders in the management and transformation of waste/by-products
- Environmental certification process
- Presentation of experiences in waste management and circular economy

Date : **25 to 27 September 2021**

Registration deadline : **Wednesday, September 15, 2021**

We invite you to use the link below to register:

<http://ifed-inc.ca/2020/02/12/mfe-302-processing-and-productivity-improvement-of-ntfps-and-or-agricultural-products/>

These trainings will be facilitated by high-level trainers and professionals with many years of experience in the field of training, environmental management, value chain creation and circular economy. A training certificate will be issued to participants. Course notes and possibly videos will be made available to participants who, for various reasons, will not be able to attend certain training sessions.

Finally, an environmental certificate will be awarded to municipalities and private or public institutions that send 5 or more people to this training, which will enable them to adopt profound changes in the management of their living environment.

Participation fees : **\$250 USD for professionals**
\$50 USD for students (upon presentation of receipts)

For more information, please visit: regis20.ifed@gmail.com