



## Ramsar Pre-COP side meeting



# Technical Training Workshop

23-24 February 2018 | Dakar | Senegal

## Background

GlobWetland Africa is a large Earth Observation application project funded by the European Space Agency (ESA) in partnership with the African Team of the Ramsar convention on wetlands. The project is initiated to facilitate the exploitation of satellite observations to support effective management of wetlands and wise use of associated resources in Africa.

As a principal objective, GlobWetland Africa is developing and demonstrating an open source and free-of-charge software toolbox for the end-to-end processing of a large portfolio of Earth Observation products and the subsequent derivation of spatial and temporal indicators on wetland status and trends.

## Workshop Objective

The main objective of this technical training workshop is to present the first official release of the GlobWetland Africa Toolbox with a demonstration of its main functionalities, and to provide participants with the opportunity to gain first hands-on experiences.

## Workshop Content

Through presentations and hands-on exercises, the participants will learn how to operate the toolbox, with a specific focus on how to use Earth Observation (EO) for wetland inventorying and wetland habitat mapping. The following topics will be covered:

- Introduction to Earth Observation for wetland monitoring and assessment
- Presentation and demonstration of the GlobWetland Africa Toolbox design and functionalities
- Hands-on exercises on inventorying wetlands with EO
- Hands-on exercises on EO based wetland habitat mapping

The detailed workshop agenda will be distributed on the 9<sup>th</sup> February. A Webinar to prepare participants to the technical workshop will be organized during the week of 5 to 9 February 2018.

## Requirements

Participants who sign up for the training should have basic computer skills and preferable also some knowledge working with GIS and/or remote sensing data.

It is further noted that participants are required to bring their own computer with the following minimum specifications:

*Multi-core CPU (e.g. Intel Core i5 or equivalent), 64-bit operating system (Windows/iOS or Linux) and at least 8 GB RAM and 20 GB of free disk space.*