



**NILE BASIN INITIATIVE**  
INITIATIVE DU BASSIN DU NIL

# Achieving Transboundary Water Cooperation in the Eastern Nile Region thorough Thematic Capacity Development Programs

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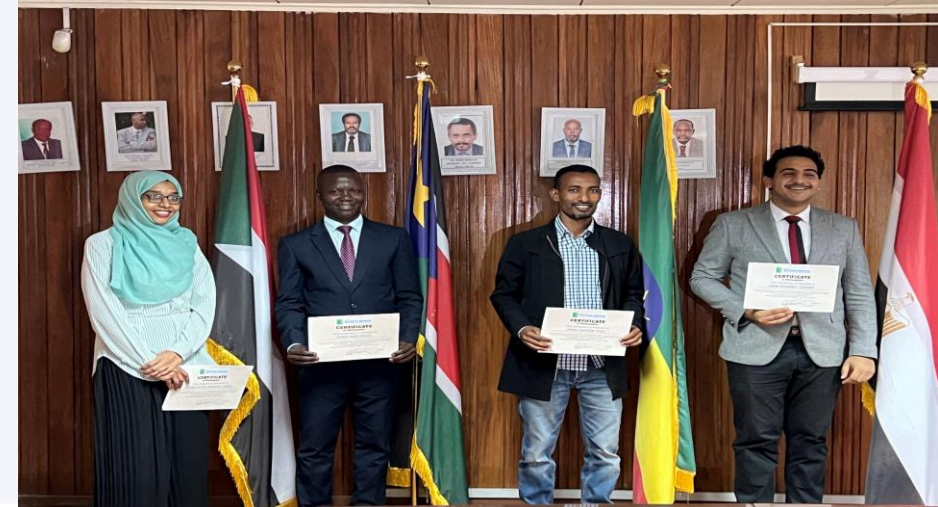
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# Background

ENTRO established the Internship and Young Professionals Program as part of its core activities since 2011

200 Interns and YPs with 23 batches have been enrolled in the program with various themes in the past 12-years

The Program was supported by the World Bank through ENPM, NCORE, and NCCR projects



# Program Objectives

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- 1) To Empower young generation from the Eastern Nile Basin countries to support/facilitate the emergence of a shared understanding about the Nile resource base – its potentials, the challenges it is facing, and establish enabling environment for transboundary water cooperation
- 2) To engage young and early career professionals in transboundary dialogue and trust building among relevant Nile Basin stakeholders to enhance cooperation, mitigate risks, and harness opportunities

# Program Categories

## Category One [Regular Internship Program-Interns]

- Engage early careers to work together on selected water management issues
- ENTRO build intern's capacity via:
  - Continuous trainings
  - Workshops, and knowledge sharing activities (field visits)

C1

## Category Four [Flood Management and Forecasting-YPs]

- Periodic engagement of young professionals for EN Flood management and Forecasting activity
- This is one of ENTRO's regional cooperation mechanisms among EN countries

C4

## Category Two [Joint Studies-Interns]

- Interns are given the opportunity to work in different institutes in the basin in addition to NBI centers
- Intensive training and mentoring support by senior level experts at ENTRO and Institutions in the region

C2

C3

## Category Three [Regular Young Professional Program-YPs]

- YPs with some experience and advancement enrolled to fill some gaps of ENTRO with specific tasks
- Contribute to the development and enhancement of knowledge and analytical tools at ENTRO

# Program Thematic Areas

- 1) Flood and Drought Management
- 2) Hydrological and Climate analysis and modelling
- 3) Agriculture and hydropower development
- 4) Environment and sustainability
- 5) Water-Energy-Food-Ecosystem (WEFE) nexus
- 6) Water information management system
- 7) Watershed management
- 8) Water governance, water diplomacy, and Communication
- 9) Remote sensing and spatial modelling
- 10) Data, toolkits, models development and application
- 11) Dam safety and reservoir management
- 12) Groundwater management
- 13) Climate change

# Success Highlights

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**EN Hydro-politics:** the program has played key role in sustaining EN countries engagement and partnership

**Enriching the Knowledge base:** the Young professionals have been able to bring to ENTRO an array of technical knowledge and academic traditions

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**Capacity Building:** interns and YPs received training from ENTRO in-house, university, and global experts

**Engage EN Knowledge Institutions:** ENTRO access and makes use of this institutions and their expertise through the program

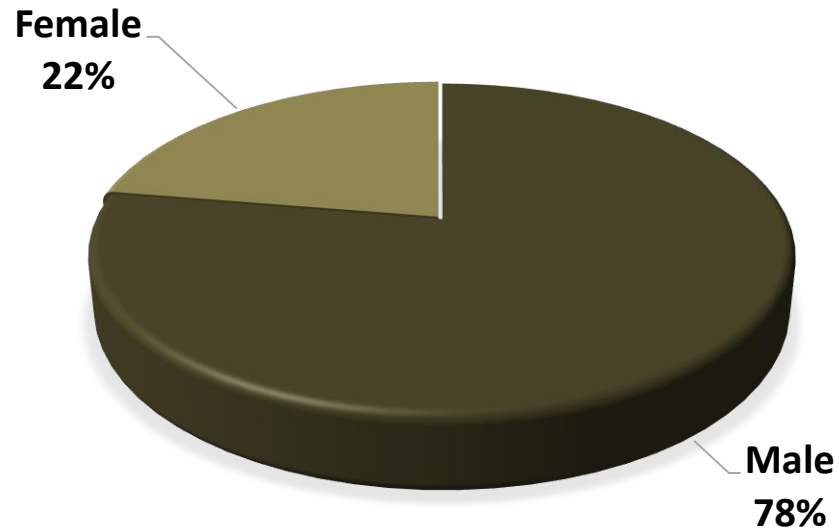
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**Increased Visibility of ENTRO:** this program was successful in fostering cooperation and allowing ENTRO to expand its portfolio

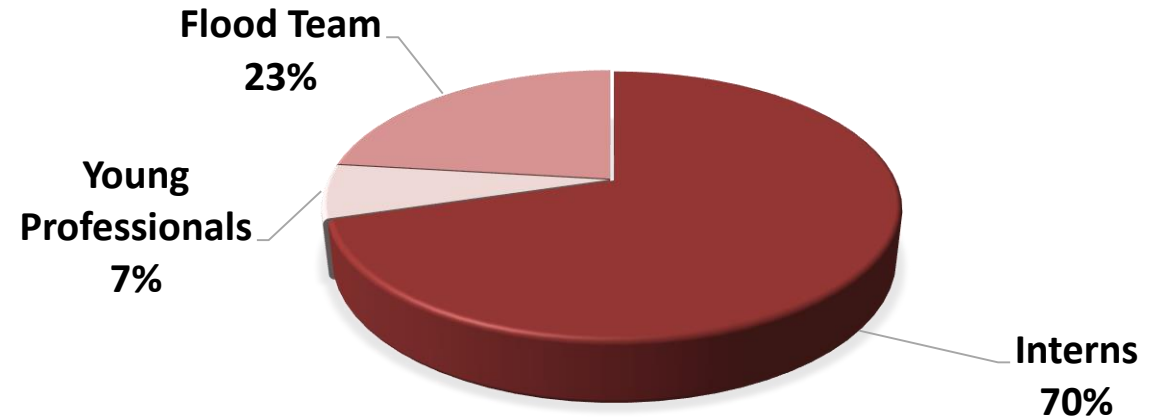
**Professional Networking:** a network/pool of young water resources professionals being created that can change the course of the inter-riparian interaction in the Nile Basin

# Success Highlights

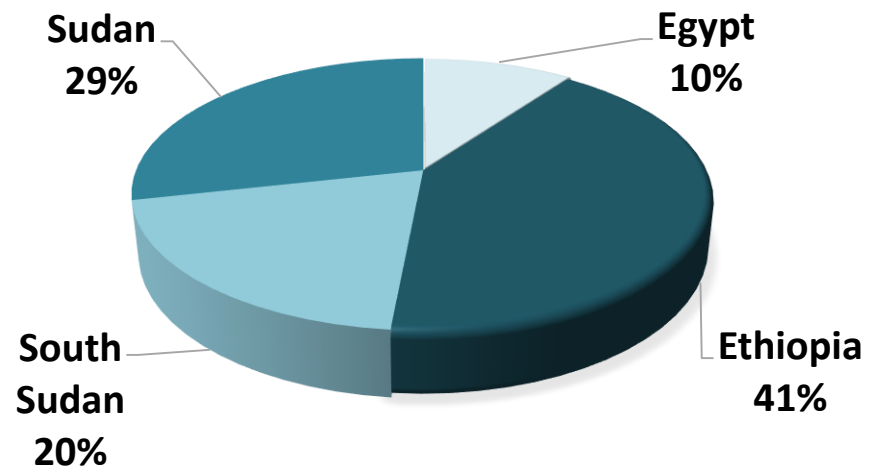
**ENTRO Interns by Gender**



**ENTRO INTERNS BY CATOGERY**



**ENTRO Interns by Country**





# Plans

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## Keeping connected:

- ❑ Develop general policy and guideline based on 12 years of experiences at ENTRO and share to other NBI centers
- ❑ Expand the Sub-basin Wide network of YPs
- ❑ Establish Online platform to engage Alumni and Increase the visibility of ENTRO

## Increasing the Number of Is & YPs enrollment:

- ❑ Cover more WRDM thematic areas
- ❑ Enable participation of interdisciplinary water related professionals
- ❑ Enroll more Young professionals in the program from the EN basin that will create enabling environment for Transboundary Water Cooperation



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**THANK  
YOU!**

