

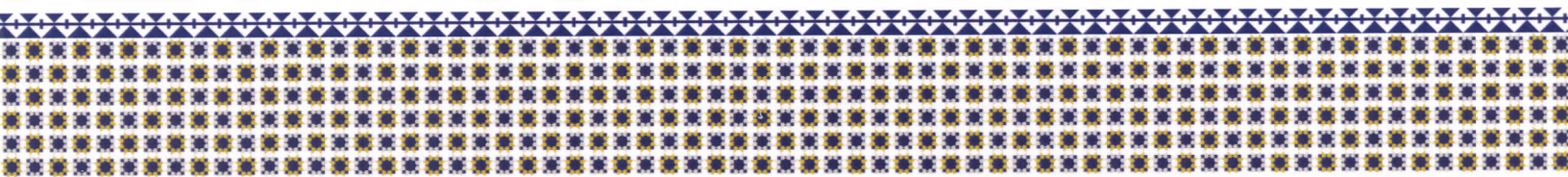


KINGDOM OF MOROCCO

**SHARING MOROCCO'S EXPERIENCE IN DEVELOPING NUCLEAR TECHNIQUES  
IN A SAFE, SECURE AND SUSTAINABLE MANNER**



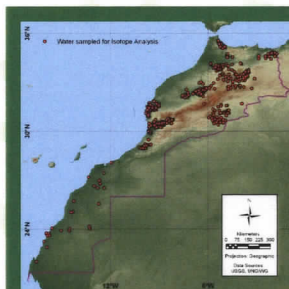
**SUSTAINABLE MANAGEMENT  
OF WATER RESOURCES**



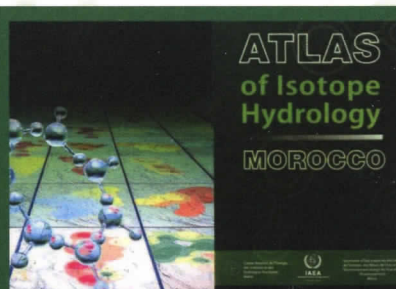
## EFFICIENT CONTRIBUTION OF ENVIRONMENTAL ISOTOPE HYDROLOGY

Over the last 20 years, with increasing pressure on natural water resources, Morocco's National Water Authority and the National Centre for Nuclear Energy, Science and Technology (CNESTEN), with the assistance of the IAEA, have worked together to characterize groundwater of Morocco's main aquifers using isotope methods. These results have been compiled in an atlas "Isotope Hydrology Atlas of Morocco".

This publication offers relevant information for policy makers to build sound strategies on water resources management.



Hydro-geological characterization of major aquifers in Morocco using isotope methods



Isotope Hydrology Atlas of Morocco

## ENVIRONMENTAL ISOTOPE LABORATORY OF CNESTEN

CNESTEN established a scientific and technical platform, dedicated to meet the needs of the national Water authority along with those of the scientific community, through expertise, isotopic analysis and training.

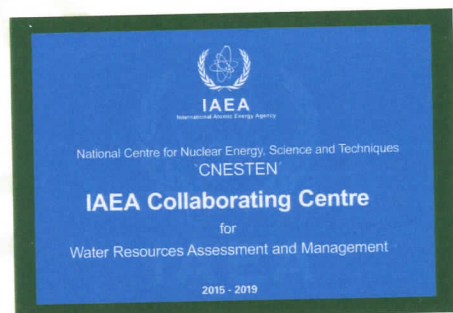


CNESTEN's Stable isotope laboratory



## REGIONAL AND INTERNATIONAL RECOGNITION OF CNESTEN

IAEA collaborating Centre for  
Water Resources management  
and Assessment.



AFRA Regional Designated Centre  
for Environmental Isotope Hydrology.



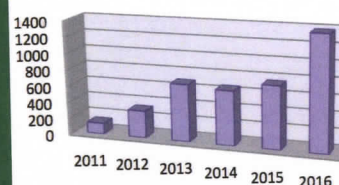
## CONTRIBUTION OF CNESTEN TO REGIONAL AND INTERNATIONAL CAPACITY BUILDING IN THE FIELD OF ENVIRONMENTAL ISOTOPE HYDROLOGY

Under regional cooperation framework with IAEA and AFRA,  
CNESTEN contributes actively to :

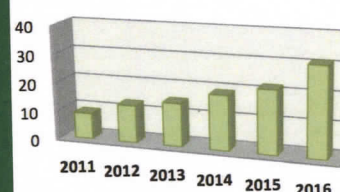
- Enhance the regional capacity building through training, provision of technical expertise as well as analytical services for IAEA and AFRA TC projects.
- Strengthen collaboration through specific agreements with other national and regional water institutes in African MSs,

During the last decades, CNESTEN hosted education and training activities, performed consultancy and expert missions as well as provided analytical services for the benefit of several countries from Africa, Asia and Eastern Europe.

Evolution of samples analyzed for  
IAEA



Evolution of IAEA Fellowships & SVs





**CNESTEN**

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