



10th INTERNATIONAL CONFERENCE ON MICRO-IRRIGATION

Conference Center, Dakhla- MOROCCO

25 - 27 Janvier 2023

Dakhla Declaration on the challenges of managing water scarcity

The participants in the Tenth International Micro Irrigation Conference on “Micro-irrigation in the Era of Technological Innovation and Digital Transformation”, held under the High Patronage of His Majesty King Mohammed VI, may God Assist Him, in the city of Dakhla, Kingdom of Morocco, from January 25 to 27, 2023, and organized by the Moroccan National Association for Land Improvement, Irrigation, Drainage and Environment ANAFIDE, in cooperation with the Council of the Community of Moroccans Abroad, the Ministry of Agriculture, Fisheries, Rural Development, Water and Forests and the International Commission for Irrigation and Drainage, which brought together scientists, experts, professors, researchers, professionals and decision-makers from the five continents, in addition to experts and competencies of Moroccans of the world and relevant international and national organizations and institutions,

while,

Highly appreciating the royal concern for water, food and energy security and environmental systems,

Expressing their willingness to contribute scientifically and technically to addressing the challenges associated with climate change, water scarcity, securing water, food and energy needs, and achieving sustainable development goals,

Emphasizing the importance of developing competencies and adopting innovative technologies and digital solutions in the field of micro-irrigation to improve productivity,

they call for:

- Water governance and the adoption of a nexus approach between water, food and energy through integrated and more proactive public policies in order to achieve water, food and energy security and protect ecosystems,
- Adopting ambitious public policies that adopt technological and digital innovations in the field of rationalizing water use, especially in agriculture;
- Enhancing investments to improve water use efficiency;

- Benefiting from international, national, regional and local initiatives in the field of water demand management;
- Giving special attention to scientific research in the development of water resources, formulating public policies, especially in the field of water, and using techniques that rationalize the use of water in agriculture;
- Creating a space for scientific discussion, planning and collective thinking among Moroccan and international experts in the fields of water, food and energy, including Moroccan experts and competencies in these fields;
- Adopting innovative mechanisms to encourage the implementation of technological innovations and digitization, including by small farmers;
- Encouraging the participation of the private sector in the development and design of innovative solutions in the field of rationalizing the use of water in irrigation, while preserving the environment,
- Enhancing public-private partnership in the water-energy-food nexus to meet the growing water and food needs, thus contributing to a better balance between urban and rural areas.