

# LOGO

## SMART4ENV

### ENHANCING THE SCIENTIFIC CAPACITY OF TUBITAK MRC IN THE FIELD OF SMART ENVIRONMENTAL TECHNOLOGIES FOR CLIMATE CHANGE CHALLENGES

Call: HORIZON-WIDERA-2021-ACCESS-03 (Twinning)

Topic: HORIZON-WIDERA-2021-ACCESS-03-01

Project Start: 1/11/2022

Duration: 31/20/2025

Budget: € 1.499.418,00

Project Coordinator: TUBITAK MAN

Project Manager: Selda Murat Hocaoglu

Keywords: Smart Environmental Solutions, Climate Change Adaptation, Water and Wastewater, Agricultural Irrigation, Decision Support System, Geographical Information Systems.



### Target groups

- 15 articles in high-impact peer reviewed journals.
- 4 SES workshops.
- 3 modules of on-line.
- 6 oral presentations at international conferences
- 6 international info days
- 6 posters presentation.
- 4 Summer-schools.
- 15 documents for research for proposals.
- 1 Official project website.
- 300+ downloads via Open Access.
- 12 participations at EU Researchers' Night for 3 years.
- 3 SMART4ENV annual open info days
- 3 workshops for national stakeholders
- 2 Stakeholders' oriented events.
- 4 informal Science Cafes.
- 15 technical visits to national stakeholders.
- 6 newsletters and 3 press releases.

### Outcomes

- Increased science and innovation capacities, new interdisciplinary streams, more exchange of knowledge and mobilities result in +20% researchers publishing papers; +15% publications in peer-reviewed journals; +20% documents for research proposals and +5% participation in competitive funding.
- Enhanced strategic collaboration, alliances, stronger linkages with linked stakeholders value chains, meetings with national relevant projects and better outreach for longer connections through 3 Collaboration agreements with international R&I networks, 3 information exchange meetings and participation in 3 relevant international events and 6 info days.
- Increased reputation as SES experts thanks to visibility and positioning that allows +15% increase in citation of research results. Higher position in international rankings (5-10 positions). 3 Researchers join renown international expert groups/panels. +150% visits to website.
- Strengthened fund raising capabilities and project leading roles thanks to 3 new skilled management support staff, 5 new collaborative projects. Increase of competitive funding +10% international and +15% national.
- Improved creativity and mobilization of researchers for a +5% decrease in brain-drain and +5% increase of brain-gain of Turkish SES experts.