2n ARCA Workshop on Artificial Intelligence and Climate Change Hazards

CALL FOR PARTICIPATON

Initiated and organized by: ARCA, Interreg IPA Adrion Project

Are you passionate about using technology to protect our planet? Are you working in institutions dealing with these issues? Are you coming from academia, industry or services? Join us for a focused, interdisciplinary workshop on building and discussing AI-driven platforms to predict, mitigate, and respond to natural hazards caused by climate and other triggers.

We are inviting all members of the ARCA project consortium as well as other interested parties to participate in the **2nd ARCA Workshop on Artificial Intelligence and Climate Change Hazards** which will take place in **Budva, Montenegro** from **09 to 13th of June, 2026, online and in-venue**.

Date & Location:	**Eligible participants:**
Date: 09-13 June 2026 (Hybrid format: online + local hub participation) **Location**: **Budva**, Akademija Znanja, **Montenegro** o Collocated to MECO2026 Conference	• Members of ARCA project consortium • AI/ML developers, data scientists • Climate/environmental researchers • NGOs, policy-makers, and emergency responders • Students and startups in tech-forgood initiatives • Anybody interested

REGISTRATION

Submit a short **expression of interest**, abstract of your speech or **pitch idea** by **25/5/2025** via submission form.

Workshop Objectives:

- Explore how machine learning, computer vision, IoT, CPS and AI i broader and narrow sense can detect early signs of natural or man made disasters.
- Design and evaluate AI platforms for monitoring, alerting, and resilience-building in different eco systems with emphasis to Mediterranean and Balkan Crossborder.
- Foster collaboration between AI researchers, climate scientists, engineers, and policy stakeholders.
- Propose feasible IoT and AI systems to protect your environment in local and larger scales.
- Present your research from basic to outstanding level on this topic

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Topics of Interest:

- AI for wildfire prediction, flood detection, landslide monitoring
- AI for detection rapid and slow climate changes.
- Satellite data analysis for environmental modeling
- Sensor networks and edge AI in remote or at-risk regions
- Agriculture, Tourism and other economics fields and services in time of climate changes
- Education for mitigation and disasters management
- Citizen-driven AI tools for environmental risk mapping
- The development of AI and machine learning algorithms to monitor forest ecosystems and to forecast climate adaptation scenarios;
- The implementation of a Decision Support System (DSS) for natural hazards prevention, resilience, and air quality monitoring;
- Fruitful cross-border cooperation on forest ecosystems and knowledge sharing among researchers and stakeholders;
- organization of joint training and dissemination in undergraduate schools to raise awareness
- Ethical and sustainable AI for climate adaptation.

Workshop Format:

- Thematic presentations. Hands-on sessions, lightning talks, and collaborative prototyping
- Real-world case studies and data challenges
- Opportunities to join ongoing ARCA project as associate and supporting member.

Organizing Committee:

- Radovan Stojanovic, MECOnet & UM, ME, Org Chair
- Antonio Aloisio, CMCC, IT, Co-Chair
- Maria Mirto,CMCC, IT, Co-Chair
- Vasso Papadopoulou, Anatoliki, GR, Co-Chair
- Nicola Sicilia, DHITECH.IT
- Antonio Franković, IRENA, IT
- Ivana Palunko, UNIDU, HR
- Edmond Hajrizi,UBT, AL
- Danilo Knežević,CADSOLUTIONS, RS
- Mriela Djuretc, NPM, ME
- Nela Dubak, NMM, ME
- Darko Dubak, UM, ME
- Dejan Zejak, UM, ME
- Vesna Maras, UM, ME
- Jovan Djurkovic, MECOnet, ME
- Matija Stojanovic, MECOnet, ME
- Dusko Petrovic, DIGIT, ME
- Danko Milic, SIMES, ME
- Sanja Radonjic, PLANTAZE, ME

Organizers and supporters:

- Fondazione CMCC – Euro-Mediterranean Center on Climate Change Foundation (ITALY)
- DHITECH – DHITECH High-Tech Technological District Scarl (ITALY)
- UNIDU – UNIVERSITY OF DUBROVNIK (CROATIA)
- IRENA – Istrian Regional Energy Agency Ltd. (CROATIA)
- Anatoloiki S.A. – Organization for Local Development from Greece (GREECE)
- MKDS – PE “National Forests” (NORTH MACEDONIA)
- MECONET – Mediterranean Excellence in Computing and Ontology (MONTENEGRO)
- UBT-Albania – Center for Modelling and Simulations – University for Business and Technology (UBT) – Tirana (ALBANIA)
- CAD Solutions – (SERBIA)
- National Parks of Montenegro- Montenegro
- Digit Montenegro – Montenegro
- Plantaze Montenegro

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