



INCDS Marin Dracea

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Expression of interest

of Research-Development and Experimentation-Production Station Câmpulung Moldovenesc
to join a Consortium on **HORIZON EUROPE** calls

Topic of the call of interest

HORIZON-CL6-2024-BIODIV-02-1-two-stage: Demonstrating Nature-based Solutions for the sustainable management of water resources in a changing climate, with special attention to reducing the impacts of extreme droughts

HORIZON-CL6-2024-FARM2FORK-02-6-two-stage: Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes

HORIZON-CL6-2024-FARM2FORK-02-7-two-stage: Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes

HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage: Holistic approaches for effective monitoring of water quality in urban areas

HORIZON-CL6-2024-CLIMATE-01-7: EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earth observation

HORIZON-CL6-2024-CLIMATE-01-4: Land use change and local / regional climate

HORIZON-CL6-2024-FARM2FORK-01-4: Climate change and food safety: effects of climate change on food safety across food systems

HORIZON-CL6-2024-CLIMATE-01-1: Improving irrigation practices and technologies in agriculture. Examination of the influence of environmental factors on plant performance (plant tolerance to biotic and abiotic stresses).

Organization details:

Country: Romania

Name of the organization: INCDS Marin Dracea Campulung Moldovenesc

Contact person short description and contact details:

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<https://scholar.google.ro/citations?user=duGodjcAAAAJ&hl=ro>

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The Scientific Research Activity has the following research directions and objectives: the development of long-term research to monitor the state of forest ecosystems under the influence of pollution and environmental changes; the development of methodologies for the economic assessment of forest resources; quantitative assessment of the flow of liquid and solid atmospheric precipitation based on periodic sampling from permanent research areas (in open ground and under the forest canopy); evaluation of water flow on the soil profile and determination of mineral ion concentration of precipitation samples and soil solution according to the ICP Forests methodology;

Research and development services:

- Monitoring atmospheric deposition and soil solution in forest ecosystems;
- Air quality monitoring in forests;
- Forestry expertise regarding the quantitative and qualitative assessment of forest resources;
- Elaboration of dendrochronological series and historical wood dating;
- Wood anatomy services (species identification, microsections);
- The research network for the foundation of methods, mathematical-auxological models and dendrometric tables and production tables;
- Integrated systems for monitoring environmental and ecosystem parameters;
- Internationally intercalibrated modern laboratories (polluting deposition analysis, dendrochronology and wood study, leaf analyses);

Specific expertise relevant to the call topic

<https://icas.staging.nvt.agency/about-us/organisational-structure/campulung-moldovenesc-research-development-and-experimentation-production-station-rdeps/?lang=en>

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