effects of Climatic extremes On eCOsystem Stability

Fact Sheet

Project Information

COCOS
Grant agreement ID: 101066324

Funded under
Marie Skłodowska-Curie Actions (MSCA)

DOI
10.3030/101066324

Total cost
€ 0,00

EU contribution
€ 150 438,72

Start date
10 October 2022

End date
9 October 2024

Coordinated by
CESKA ZEMEDELSKA UNIVERZITA V PRAZE
Czechia

Project description

Investigating how climatic extremes affect ecosystem services

The stability of ecosystems can be disrupted by extreme climatic events, which are expected to increase in both intensity and frequency. This is why it’s important to understand how ecosystems respond to extremes. There is currently not enough data to draw sound conclusions. In this context, the Marie Skłodowska-Curie Actions project COCOS will combine innovative analytical tools with novel and extensive global databases of time-series of in situ vegetation and climatic extremes data. It will analyse the relationship between stability and climatic anomalies, and how it varies in different ecosystems. The findings will shed light on ecosystem-specific resistance and recovery to climatic extremes. This information will be useful for policies aimed at reducing the impact of extremes.
Fields of science

natural sciences > computer and information sciences > databases
natural sciences > biological sciences > ecology > ecosystems
agricultural sciences > agriculture, forestry, and fisheries > agriculture

Programme(s)

HORIZON.1.2 - Marie Skłodowska-Curie Actions (MSCA)  MAIN PROGRAMME

Topic(s)

HORIZON-MSCA-2021-PF-01-01 - MSCA Postdoctoral Fellowships 2021

Call for proposal

HORIZON-MSCA-2021-PF-01

See other projects for this call

Funding Scheme

HORIZON-AG-UN - HORIZON Unit Grant

Coordinator

CESKA ZEMEDELSKA UNIVERZITA V PRAZE

Net EU contribution

€ 150 438,72

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Region

Česko > Praha > Hlavní město Praha
Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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European Union, 2023