PROJECT: SeasFire: Earth System Deep Learning for Seasonal Fire Forecasting in Europe

SCIENTIFIC DIRECTOR: I. Papoutsis

DURATION (MONTHS): 10 months

DEPARTMENT: Department of Topography

FINANCIER: EUROPEAN SPACE AGENCY

DESCRIPTION: The SeasFire project, funded by the ESA, is taking an innovative approach to predicting seasonal wildfire patterns in Europe. SeasFire uses cuttingedge technology, such as modern deep learning models and Earth Observation data, to explore the spatio-temporal connections between atmospheric conditions and fire regimes to gain valuable insights into predicting potential wildfires. The project aligns with the ESA's mission to develop innovative applications of Earth Observation data to address important societal and environmental challenges