



### NewsLetter #3

#### The Opening of EU Climate Change Experience Course in Engineering

In the first semester 2024/2025 the second course in EU climate change management experience course is started on 15/Oct/2024 it will last until 1/Feb/2025. More than thirty students from civil, environmental and architectural engineering. Students are excited to learn from actions and regulations adopted in European union .



#### The effect of fossil fuels on weather phenomena in EU

Geoclimatologist Mark Olives said that the fossil fuel industry is responsible for the unusually worsening weather phenomena in Europe. Floods resulting from Storm Boreus have devastated Central Europe in recent weeks, destroying homes and public infrastructure and killing dozens. It is well known that climate change caused by human activities leads to extreme weather events. Mark Olives links the rise in temperature to what is happening now in Central Europe. He said that the region has become two to three degrees warmer compared to pre-industrial times due to human intervention through the emission of greenhouse gases, which affects the climate. He said that the fossil fuel industry is responsible for the exacerbation of extreme weather events, including heavy rainfall, as happened in Europe during the past two weeks.



#### Amex Planck Institute for the Study of Weather Sciences in EU

Max Planck Institute for Weather Sciences has concluded that severe major droughts, each of which extends for more than five years, will hit the European continent earlier than the end of this century, contrary to scientists' previous expectations. To reach these findings, which were published in the Nature Foundation's Communications Earth and Environment journal, researchers ran 100 existing simulations from the Max Planck Institute's climate model, focusing on extreme droughts and climate variability in the North Atlantic Ocean. The researchers found that simultaneous bouts of intense heatwaves and drought could occur approximately every two years in Europe from 2050 to 2075.

