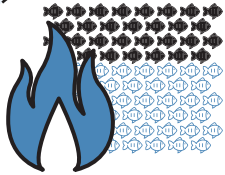



RISKS AND IMPACTS OF ENVIRONMENTAL CHANGE IN THE MEDITERRANEAN BASIN

ECOSYSTEMS




By **2100**, burnt areas may **double** and **40%** of endemic fish species could be **extinct**.



CLIMATE-RELATED DRIVERS

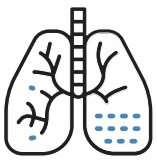
By **2040**, mean temperature will be **2.2°C** above pre-industrial levels. Per **1°C** warming, rainfall will decrease **4%**. Sea level could rise by more than **90 cm** by **2100**.



NON CLIMATE-RELATED DRIVERS

- Air and water pollution increase overall.
- Urbanization & land degradation reduce agricultural land.
- Overfishing & non-indigenous species threaten marine biodiversity.


HEALTH



Impacted by heat waves, pollution, extreme events, food shortages, vector-borne diseases. Effects of pollution **amplified** by temperature elevation.


Warming is just one of the **MANY** drivers of environmental risks!

WATER



In the South and East, **over 180 million people** suffer from water scarcity today. By **2100**, water demand may **increase further**.

FOOD



By **2050**, crop yields may decline by **approx. 17%**. **20%** of exploited marine species may be **lost**.

COASTS



Sea level rise impacts coastal infrastructures incl. cultural heritage, and causes **loss of agricultural land** due to water and soil salinization.