



This project is co-funded  
by the European Union



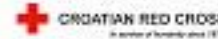
South East European Forum on Climate Change Adaptation

# Regional Climate Vulnerability Assessment

## Synthesis Report: Overview & Key Recommendations

Louisa Whitlock

Red Cross/Red Crescent Climate Centre



Montenegro Red Cross

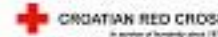
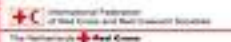


# SEE is affected by natural hazards



Source: Reuters

- South Eastern Europe highly vulnerable to natural hazards
- Countries in the region recently affected by droughts, heat waves, cold waves, floods and wild fire
- Earthquakes also a risk
- The number of disasters is rising



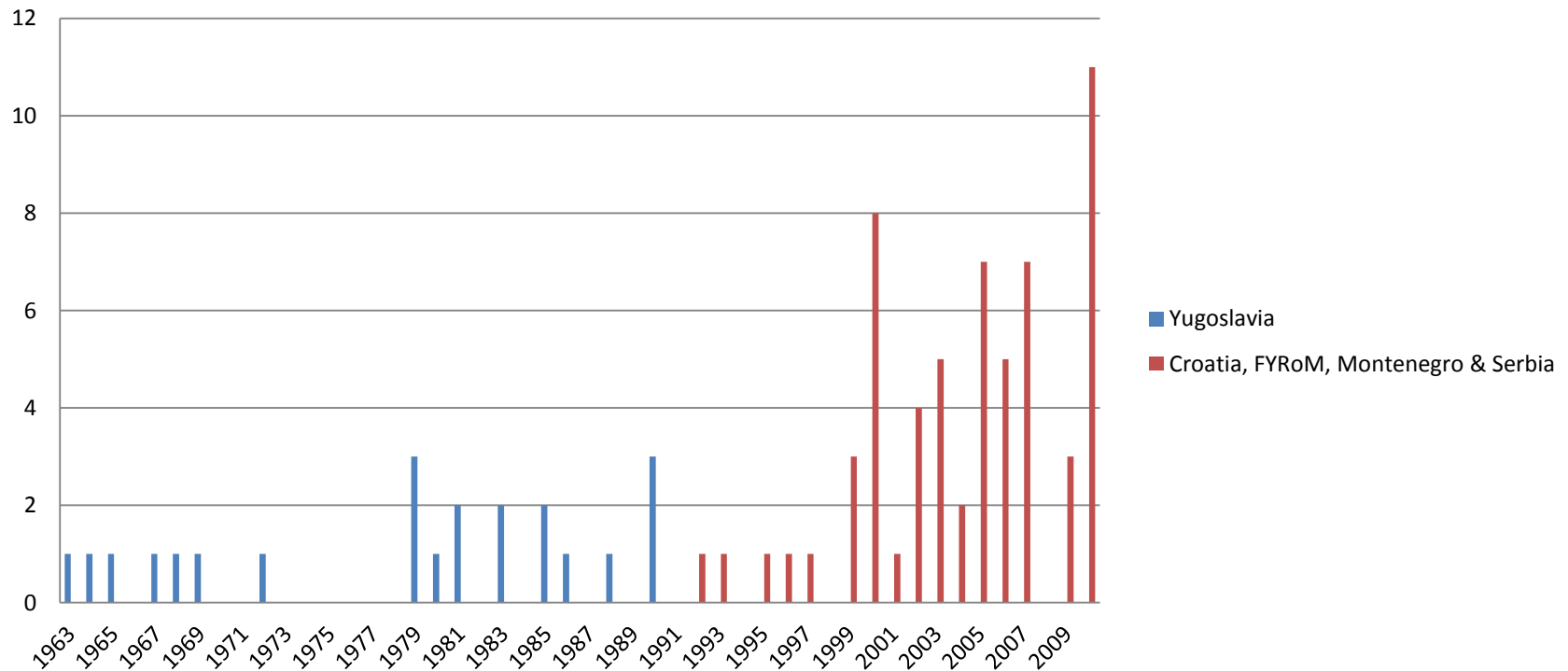
Montenegro Red Cross



# Disasters are increasing



Annual reported natural disasters in Yugoslavia and selected successor states 1963-2010



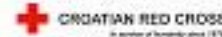
Source: EM-DAT



# Climate change and SEE



- Average temperatures will **rise** (1.8-2.3°C by mid-century)
- Precipitation will **decrease**, and become **more intense** and **unpredictable**
- Sea-levels will **rise** in the Mediterranean
- Region will experience more droughts, heat waves, wild fires
- Increased flash-flooding risk, more intense storms, less freshwater availability
- Combined with other trends (e.g. aging populations, urbanisation) will have significant impact on many sectors
- **Adaptation needs to start now**



# About the reports

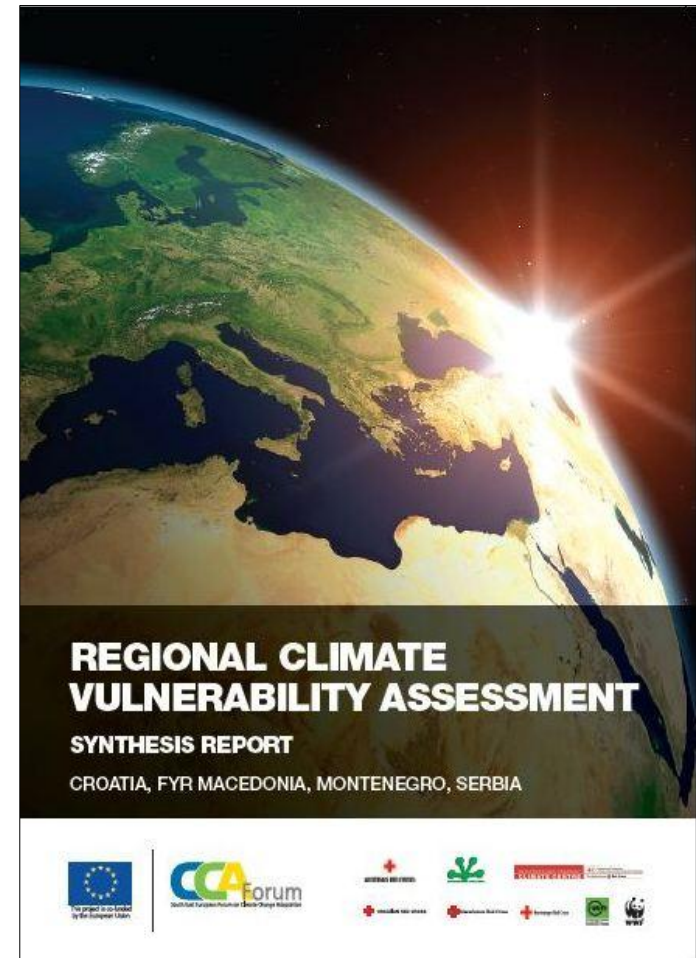


This project is co-funded by the European Union



South East European Forum on Climate Change Adaptation

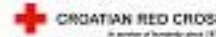
- National and regional CVA reports developed as part of SEEFCCA to provide a base for dialogue in the area of climate change adaptation and disaster risk reduction
- Aimed at policy-makers, opinion-leaders and CSOs
- Not fully comprehensive, but aims to be a useful starting point for discussions on how to address climate change



# Methodology



- National reports by local experts compiled from desk studies
- Additional input from stakeholders and members of national CSO networks – identified areas of concern
- Regional report a synthesis of national reports plus some additional research
- Reports cover natural hazards, sectoral impacts, government structures and recommendations
- Focus on adaptation, not mitigation



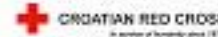
Montenegro Red Cross



# Key areas of concern



- Agriculture and forestry
- Biodiversity
- Disaster risk reduction
- Energy
- Human health
- Tourism
- Water resources

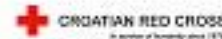


# Key regional recommendations



## Policy-makers 1

- Develop comprehensive national adaptation plans for climate change
- Develop comprehensive early warning systems and emergency plans for hazards
- Improve coordination between government ministries responsible for CC and DRR
- Improve data availability and accessibility
- Build partnerships and knowledge-sharing platforms between state and CSOs



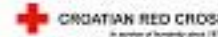


# Key regional recommendations



## Policy-makers 2

- Develop cross-border cooperation for better information-sharing
- Ensure participation of vulnerable groups in decision-making
- Bring climate change into educational system at all levels (awareness-raising!)

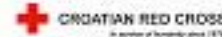


# Key regional recommendations



## Civil society 1

- Mainstream climate change considerations into all activities
- Engage with development of national communications to the UNFCCC
- Work more closely with state and other CSOs to identify needs of vulnerable groups
- Build capacity to engage in policy dialogue

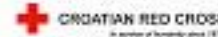


# Key regional recommendations



## Civil society 2

- Strengthen regional and international cooperation
- Awareness-raising (engaging with the media)





This project is co-funded  
by the European Union



# Thank you!

