



Leverage from
the EU
2007-2013

SAFETY AND SECURITY IN THE DANUBE REGION

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ABOUT US

- University of Pannonia
 - Economics, Tourism, Management
- Previous research
 - Film induced tourism
- Erasmus Rovaniemi
 - Innovative Entrepreneurship Arctic
 - Tourism Intercultural Communication in Finland
- Multidimensional Tourism Institute



RESEARCH

- Hypothesis: Communication and cooperation are the key factors of international safety and security management.
- European Union Strategy of Danube Region (EUSDR)
- International Commission for the Protection of the Danube River (ICPDR)
<http://www.icpdr.org/main/icpdr>
- Personal and community focused safety and security

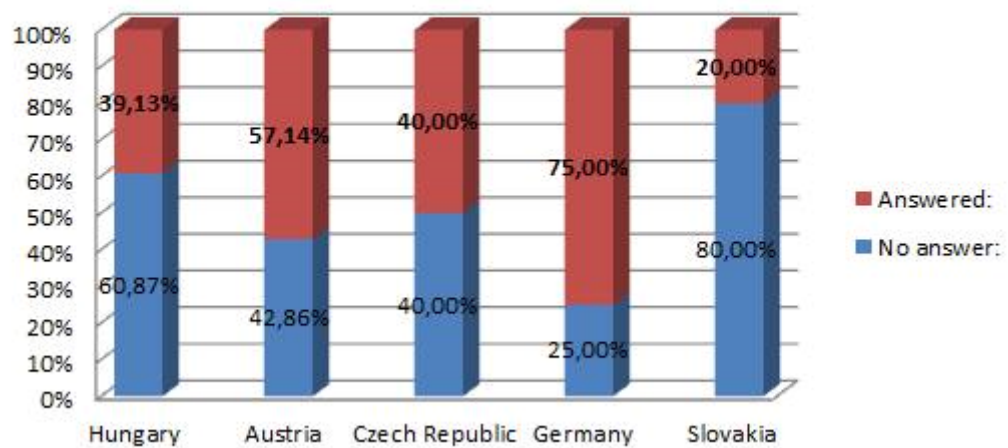


METHOD

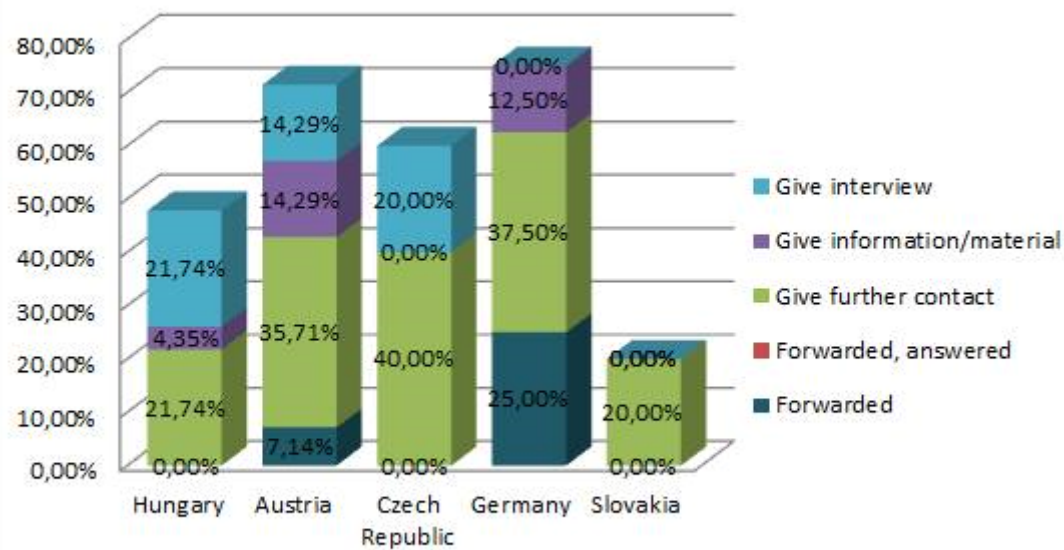
- Based on: primarily analysis: deep interviews (8/13), field study secondary analysis from literature (books, previous researches, journals, articles, brochures, web pages) Viewpoint of different stakeholders: Waterworks, Directorates General for Disaster Management National Parks, EU Institutions, Civil Organization The goal: comparison of different organizations in cooperation communication management of crisis situations



All searched



Answered

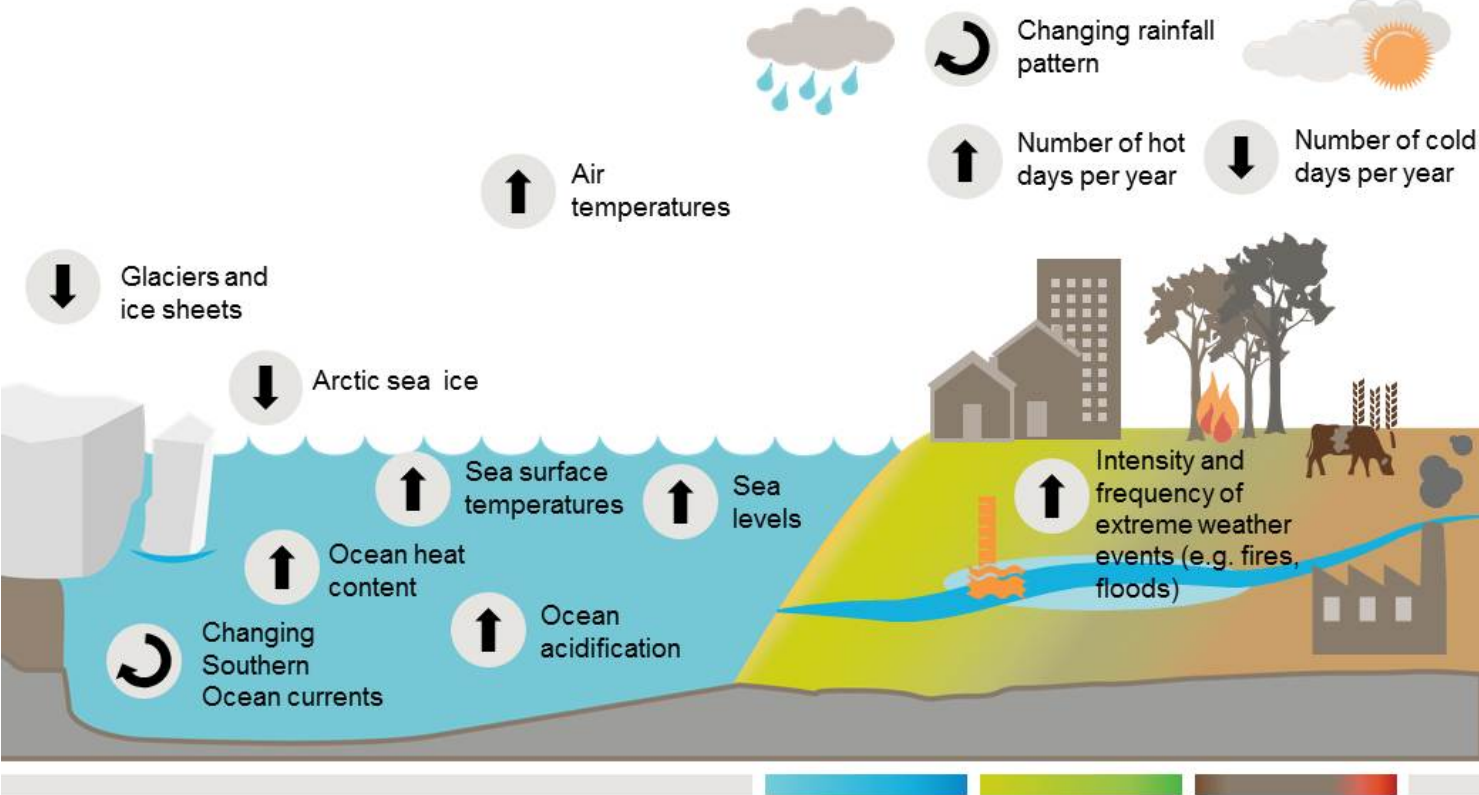


DANUBE REGION



CLIMATE CHANGE

There are multiple lines of evidence that show the climate system is changing



HUNGARY



EUSDR HAS 11 PRIORITY AREAS (PA),
HUNGARY IS RESPONSIBLE FOR THE
FOLLOWINGS:

- PA 2 "To encourage more sustainable energy" is coordinated by Hungary and the Czech Republic
- PA 4 of the EUSDR "To restore and maintain the quality of waters" is coordinated by Hungary and Slovakia
- PA 05 of the EUSDR "To manage environmental risks" is coordinated by Hungary and Romania



COOPERATION

- Hungary has the longest embankment in Europe with 4000 km rampart
- 1/4 part of the country is endangered by flood
- we grow 1/3 of our nation GDP on these areas
- we are dependent
- International cooperation: project to collaboration



- Action plan for a new project within the EU:
improving forecast, prepare transnational water
management
- integrated database
- measure the spatial skills for each country
(Austria:snow blowing, Hungary flood protection)
- Crisis attitude



BODIES IN HUNGARY

- Fire brigades
- Army
- Disaster Recovery Organization

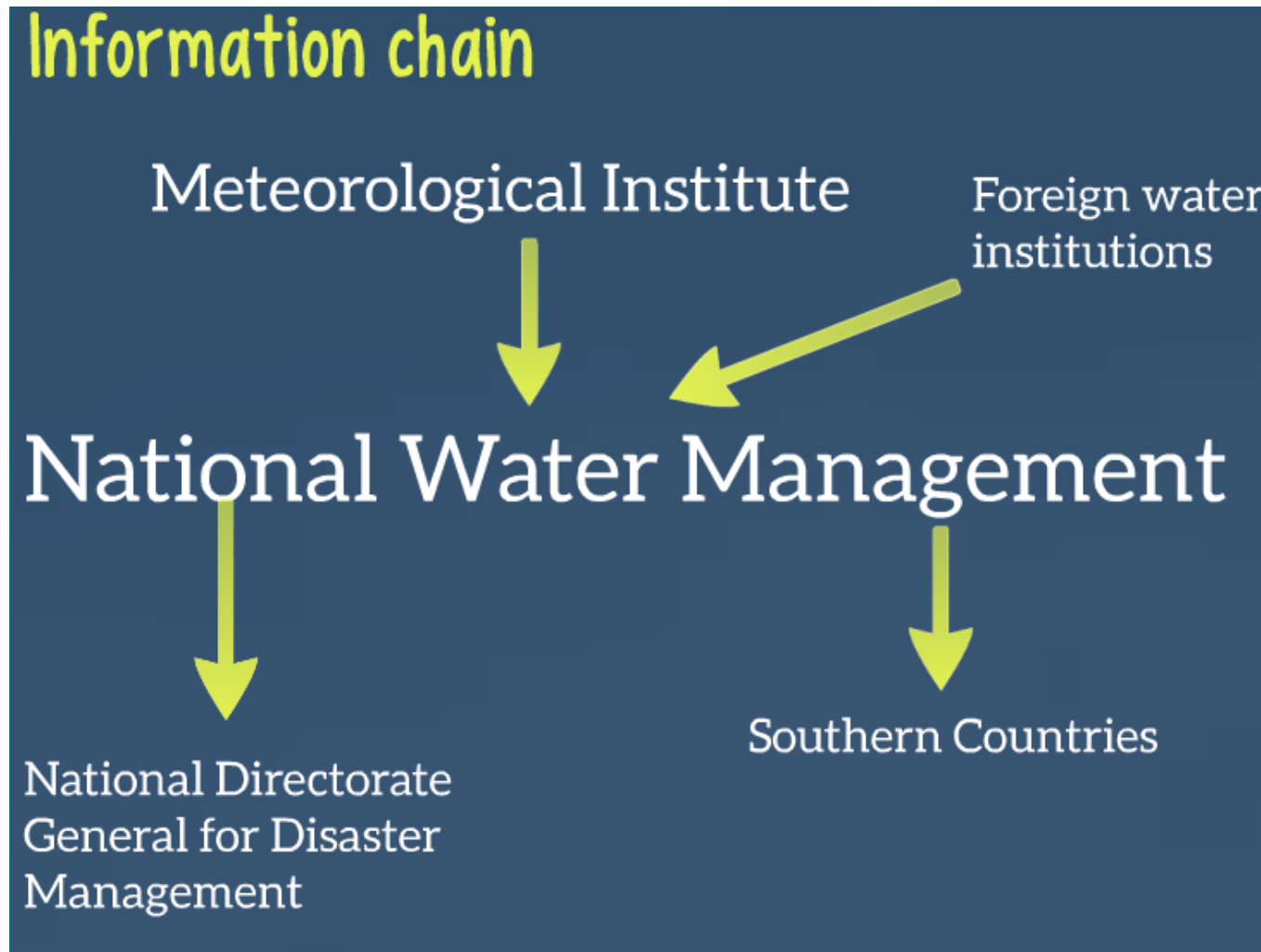


USE OF EU PUBLICATIONS

- Euratom
- Danube Floodrisk Project
- White book
- International Commission for the Protection of the Danube River (ICPDR)
- Not only using but editing together



COMMUNICATION



- Eg.: 2014 flood Romania, Hungary, Serbia (friendship)
- "the State can solve every problem itself,



COMMUNICATION WITH LOCALS

- Leaflets
- local TV channel
- Newspapers
- web pages
- Radio
- Siren
- VÉSZ application



- 12 member (facebook, VÉSZ, e-mail)
- spokesmen in 24/7 (e-mail, telephone)
- separate branch for keep in touch with national and international partner organizations
- the most important is information flow



EXACT CASES

- 2006 storm - hungarian disaster recoveries pay more attention to meteorological and water level reports www.met.hu www.vituki.hu
- Flash floods
- About the NP:floodplain area against the river control
- Storing water



2013 BLIZZARD

- task:
inform public
Action
- problem: roadblocks
- communication: rumors in social media
- cooperation: Austrian volunteering



- false alarms, no one knows the seriousness in advance
- irresponsible people, government
- lack of capacity
- help from Austria
- volunteers



2013 FLOOD

- more developed communication VÉSZ application (media, individuals) predictable good monitoring system help to Bulgaria
- better communication (propagand)
- people are more prepared,
- volunteers



RED SLUDGE

- cannot be prepared
- no international help but researchers



SUGGESTIONS

- Focus on priorities (tourism, NP, logging)
- Negotiation about aims
- finding solution before investments
- Rethinking of compensations
- Education about nature (floods are useful) non-formal innovative
- Store water for drought



- legal background for voluntary organizations missing from work should be acceptable
- Feedback about the efficiency of the realized tender
- Stronger advocacy of Nature protection



AUSTRIA

Priority Areas:

- PA 1A "To improve mobility and intermodality of inland waterways" is coordinated by Austria and Romania
- PA 09 of the EUSDR "To invest in people and skills" is coordinated by Austria and Moldova
- PA 10 "To step up institutional capacity and cooperation" is coordinated by the City of Vienna (Austria) and Slovenia



DONAU-AUEN NATIONAL PARK

- NP - floods are useful
- nature protection
- rebuilding Danube to make it more natural
- 2013 flood: improve in flood protection theme
(better together meetings)



- opposite interests EU foundations (nature protection, infrastructure) cooperation with via donauDanube Parks project communication: web pages, facebook, journalists, education by NP rangers pollution: plastic litter



Suggestions



ICPDR LISTING

- "The work of the ICPDR is based on the Danube River Protection Convention, the major legal instrument for cooperation and trans-boundary water management in the Danube River Basin.,,
- Establishment in 1998
- 14 cooperating states and the European Union



- The whole Danube River Basin
- Ensure the sustainable and equitable use of waters and freshwater resources
- Goal: healthy and sustainable river systems



CZECH REPUBLIC

- Priority Areas: PA 2 "To encourage more sustainable energy" is coordinated by Hungary and the Czech Republic



FLOOD SITUATION



CASE OF THE FLOOD 2002 IN SOUTH MORAVIA

- Destination Management Organization informed tourism departments/service providers
- 10,000 of inbound tourists (Germany, Netherlands, Europe)
- bungalows and bread & breakfast cottages were under water
- Tourists behavior: nervous
- special action plan, transit tourists by private taxis to the mountain (org. by DMO's)
- To cover the damage every camping site has to have insurance.



COOPERATION

- good relationship among departments
- documents are provided regarding the Danube Strategy
- Working groups in DS



INTERNATIONAL

- projects with Hungary, Serbia, Slovakia
- measurements in South Moravia, share with Austria



CONTRARY IN NATURE PROTECTION AND WATER WORKS

- different approach in protection but human loss is always the most important, they take this into consideration
- Storing water
- "try to solve flood situation and remediate damage and losses in the sector without thinking about how to save this extra water"



SUGGESTIONS

- !!!climate change, bigger differences!!!
- More Innovative thinking
- Case: The wall nearby to the Charle's Bridge was built to protect the historical area by the magistrate of Prague. The highness of the wall was calibrate to the flood of 2002 plus 50 cm, all together 8 meter higher than the normal level of the river



FINAL CONCLUSIONS

- Recognition the importance of transnational cooperation within the EU
- Communication and cooperation are the basis of risk management on a national level
- Projects help the international and organizational cooperation and communication
- Undeveloped international safety and security in the Danube region



SUGGESTIONS

- Innovative education about nature protection
- stronger cooperation on international level
- storing water needs more emphasis
- make more compromise



REFERENCES

- 1. European Commission: EUROBAROMETER - Europeans attitudes towards climate change (2009)2. Priority areas of Danube Region Strategy: <http://www.danube-region.eu/about/priorities>3. Web page for Duna-Dráva National Park: www.ddnp.hu4. ICPDR: www.icpdr.org5. Duna-Dráva NP Béda-Karapanca Landscape: <http://www.ddnp.hu/index.php?lang=en>6. Mindspace, civil organization: <http://www.mindspace.hu/en>7. National Directorate General for Disaster Management: http://www.katasztofavedelem.hu/index2.php?pageid=szervezet_flood_emergency&lang=eng8. Directorate for Water Management: <http://www.ovf.hu/>



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