

Adaptation Action in the Western Balkans and Turkey

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South East European Forum for Climate
Change Adaptation (SEEFCCA)
Skopje, 3 July 2014



This Project is funded by the European Union



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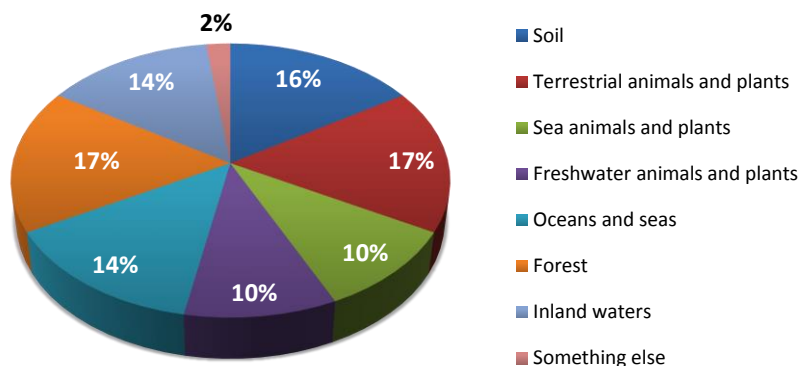


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Climate consequences and public opinion



Which natural resources are endangered due to climate change?

Research on Climate Change Awareness, 2012, SEEFCCA, www.tvojstav.com

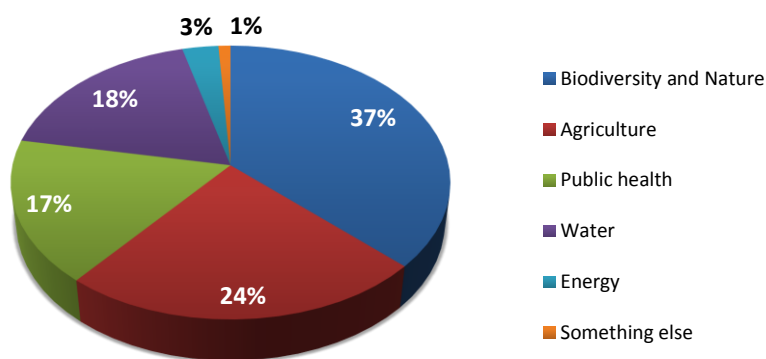


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Climate consequences and public opinion



Which sectors are endangered due to climate change effects?

Research on Climate Change Awareness, 2012, SEEFCCA, www.tvojstav.com

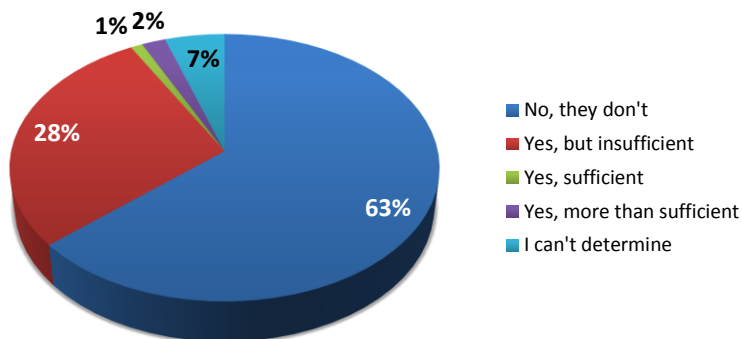


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Climate consequences and public opinion



Do decision makers and politicians work on Climate Change issues?

Research on Climate Change Awareness, 2012, SEEFCCA, www.tvojstav.com

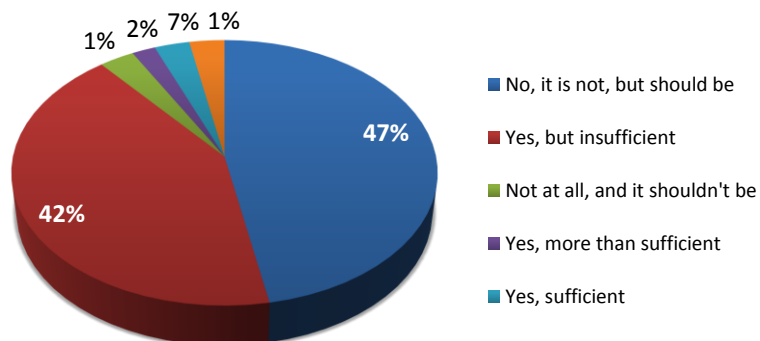


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Climate consequences and public opinion



Is the Climate Change topic sufficiently represented in the media?

Research on Climate Change Awareness, 2012, SEEFCCA, www.tvojstav.com

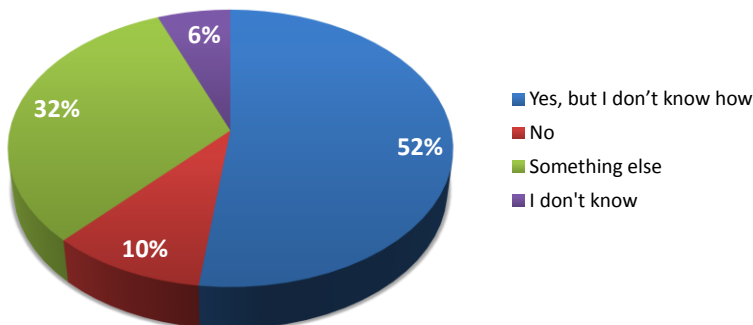


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Climate consequences and public opinion



Do you think that you can contribute to the reduction of CC effects?

Research on Climate Change Awareness, 2012, SEECCA, www.tvojstav.com

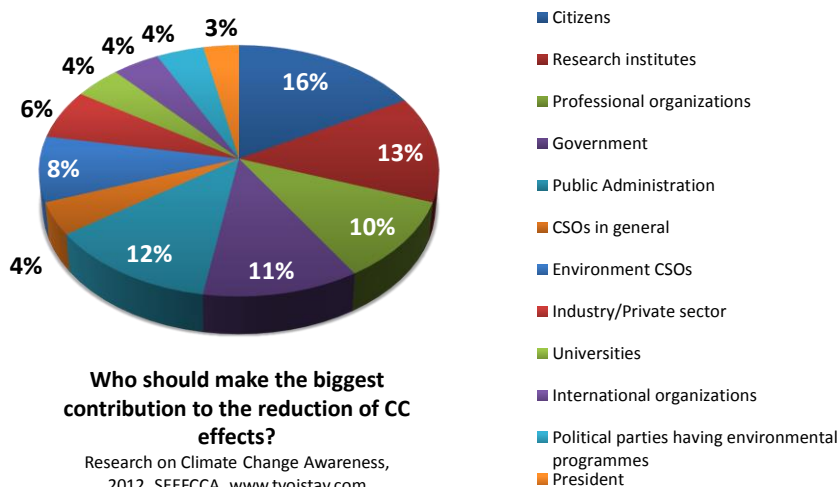


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Climate consequences and public opinion



Who should make the biggest contribution to the reduction of CC effects?

Research on Climate Change Awareness, 2012, SEECCA, www.tvojstav.com



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Climate consequences and public opinion

Country	YES Responses (%)	NO Responses (%)
Bosnia and Herzegovina	100	0
Bulgaria	83	17
Hungary	92	8
Romania	98	2
Serbia	99	1
Slovakia	97	3
Average	95	5

Rate of YES and NO responses to the question '*Have you ever heard about global climate change?*', percentage, 2013.

Source: SEERISK questionnaire surveys (n = 1644)

Guideline on Climate Change Adaptation and Risk Assessment in the Danube Macro – Region, 2013, www.seeriskproject.eu



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Climate consequences and public opinion

Country	No change happened (1)	Change small scale (2)	Medium level (3)	Weather changed (4)	Weather completely changed (5)	Do not know
Bosnia & Herzegovina	2	4	30	36	27	1
Bulgaria	3	21	34	24	13	5
Hungary	1	20	46	15	6	12
Romania	3	8	19	17	53	0
Serbia	4	7	19	25	45	0
Slovakia	4	14	23	26	22	11

Responses to the question '*According to your personal experience has the weather changed in the past 20-30 years / since your childhood?*', percentage, 2013

Source: SEERISK questionnaires (n = 1644)

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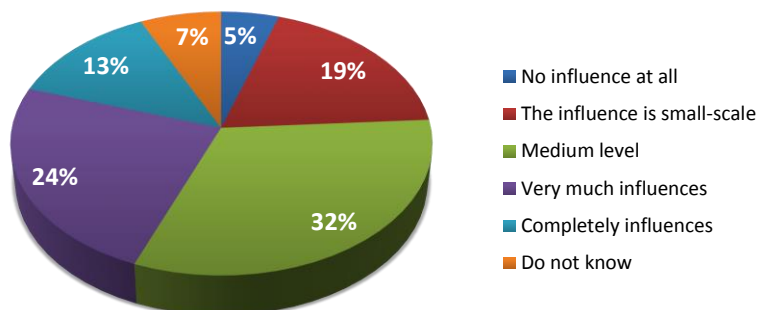


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Climate consequences and public opinion



Evaluation of the influence of global climate change on everyday life for the whole sample (%), 2013

Source: SEERISK questionnaire surveys (segment of the respondents who have already heard about global climate change)

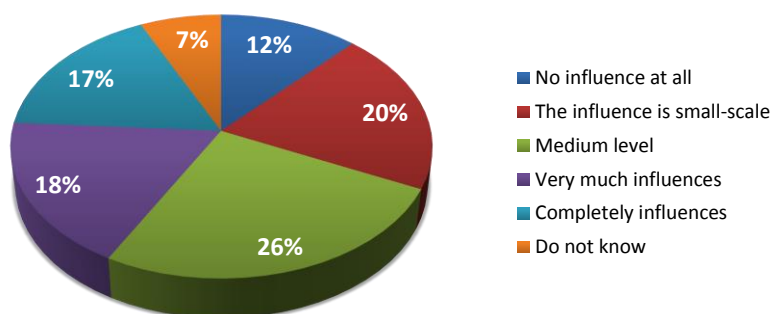


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Climate consequences and public opinion



Average level for the whole sample about the evaluation of the influence of natural hazards on the sense of safety (%), 2013

Source: SEERISK questionnaire surveys (n= 1644)



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Climate consequences and public opinion

Country	1	2	3
Bosnia & Herzegovina	Floods 42%	Flash floods 33%	Inland excess water 25%
Bulgaria	Floods 22%	Flash floods + hail 21%	Inland excess water 17%
Hungary	Extreme thunderstorms + windstorms 20%	Heat waves 18%	Hail 10%
Romania	Extreme heat waves 36%	Extreme thunderstorms + windstorms + cold waves 31-32%	Drought 30% Extreme snowstorms 29%
Serbia	Extreme thunder storms + windstorms + heat waves + hail 45-47%	Extreme snowstorms + droughts 26-27%	Floods + inland excess water 23%
Slovakia	Extreme thunderstorms and windstorms 46%	Extreme heat waves 39%	Hail + drought 32-33%

The most important natural hazards which can influence the sense of safety according to the respondents' opinion (%), 2013

Source: SEERISK questionnaire survey (n = 1644)

Guideline on Climate Change
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Danube Macro – Region, 2013,
www.seeriskproject.eu



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Climate consequences and public opinion

Measures for prevention (1)

Undertaken

- **40%** - waste dumping at public spaces and safe disposal of hazardous waste
- **less** - Window blinds, AC device installation, Waterproof doors and windows,
- **even less** - Physical inspection of the buildings, Thermal insulation, Roof strengthening

Planned

- Carefull selection of the construction site for buildings
- Selection of building materials

Guideline on Climate Change Adaptation and Risk Assessment in the Danube
Macro – Region, 2013, www.seeriskproject.eu



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Climate consequences and public opinion

Measures for prevention (2)

Preparedness for extreme climate event

- Between 50-60%
- Weather forecasts, Early warnings,
- Prepared power tools for emergency situation
- First aid kits and Medications prepared at home

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Macro – Region, 2013, www.seeriskproject.eu



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Climate consequences and public opinion

General profile

- Aware on climate change
- Uncertain about links of CC with everyday life or how to act
- Feels moderately safe towards the consequences
- Has undertaken some measures for prevention
- Feels prepared for disasters and extreme events

Need for further social research activities in the SEE region
(insufficient samples, insufficient depth, recent disaster events)



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Climate consequences and public opinion (recommendations)

- Standardized annual survey
- Special Eurobarometer on climate change
http://ec.europa.eu/clima/citizens/support/docs/report_2014_en.pdf



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Education and awareness raising among the public

Education

- Faculties with technical and vocational studies
- Primary and Secondary school programme
(civil protection removed from curriculum, CC as a small part of geography, even less of biology)
- Mass media channels
- Public campaigns and events
- Online communication



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Education and awareness raising among the public (example)

КЛИМА СЕ МЕНЈА. А ТИ?



Национални конкурс
за најбоље идејно решење уређења
градских кровова и урбане целине



CLIMATE CHANGES. DO YOU?

Archithon 1

National Call, preliminary design of:

- Neglected urban areas
- Urban roofs

Architects and landscape architects
Students and young professionals

Panel discussion "Climate change in urban areas"



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Education and awareness raising among the public

Awareness raising

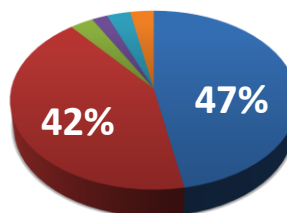
Working people (18-65) - would like to be more informed

70 % - Commercial mass media with national frequency

20% - Local media

10% - schools and workplaces

Role of new communication
channels (internet, e-mail,
social media) decreases with
age



Slide 6.



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Education and awareness raising among the public (example)

TV ADS



Heat wave



Cold wave



Transport



Energy



CAMPAIGNS And EVENTS



POSTERS

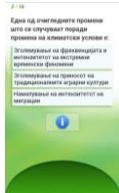
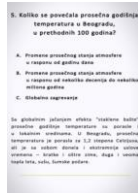


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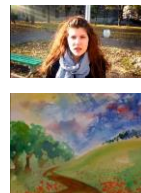
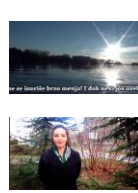
Education and awareness raising among the public (example)



SMARTPHONE APPLICATIONS



INTERNET PORTAL



BEST REGIONAL VIDEO MESSAGE



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Education and awareness raising among the public (recommendations)

- Development of online national platform (one stop shop) for CC education, informing and awareness raising
- Development of new communication tools
- Further capacity building of journalists and establishing partnerships with media organizations
- Further intensification of CCA related campaigns and events
- Establishing partnerships and stronger cooperation with schools and Universities, scientific and research institutions
- Re-establishing civil protection curriculum
- Stronger incorporation of CC within related school subjects



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CSO partnership and participation in climate change adaptation planning

- **Challenges**
capacities in operating, knowledge on participation process
- **Opportunities**
CSO networking
- **Results**
raised capacities in several areas, better reach and dissemination of information, 'louder' voice of CSOs



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CSO partnership and participation in climate change adaptation planning (example)

South East European Forum on Climate Change Adaptation (SEEFCCA)

Total of 20 trainings in the SEE region

- **Climate Vulnerability Assessment development**
- **Advocacy Strategy development**

SEE REGION

- SEE 2020: Regional structure responsible for J.1-3,• Dimension J - Environment

CROATIA

- Participation in the Heat wave Early warning system development
- Participation in National Platform on Disaster Risk Reduction

MACEDONIA

- Participation in the Heat and Cold wave Early warning system development

MONTENEGRO

- Participation in 2nd national communication development
- Red Cross Secretary General took part in the UNFCCC COP 17

SERBIA

- Participation in 2nd national communication development
- Participation in the development of the Environmental Protection Programme of the City of Belgrade / WG: Risk factors

- Cooperation with National Assembly

- Workgroup for Twinning project – Establishing of system for monitoring, reporting and verification for successful implementation of EU ETS, Ministry of Agriculture and Environment

- Integration of climate change adaptation in the urban planning and development – GIZ and City of Belgrade



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CSO partnership and participation in climate change adaptation planning (recommendations)

For CSOs:

- Networking, training, development of common advocacy strategies
- Involvement in decision making process - through participation on the workgroup level

For national authorities:

- Stronger support and encouragement for CSOs and professionals to participate

For donor institutions:

- More finances directed towards Climate Change Adaptation projects, incl. capacity raising, with special focus on local CSOs and communities



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Conclusion

Further improvement of informing and educating general public, increased networking and participation of CSOs in decision making processes, more in-depth public perception research.



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Thank you for your attention!

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