

# EnvIS project

Steinbeis Advanced-Risk Technologies



## e-Workshop: EnvIS project

Environmental Portal Serbia: Capacity Building and specification of the needs in Serbia, including infrastructure development (Phase I)



Stuttgart

March 2021



The EnvIS project (<http://envis.risk-technologies.com/>), in particular, will transfer the experiences and technology from two Baden-Württemberg systems: the [Environmental Portal BW](#) and the [SmartResilience system](#) to Serbia. The Environment Portal BW provides interactive and citizen-oriented, user-friendly applications for a wide scope of users, from citizen, over companies to institutions and other government bodies. The SmartResilience for assessing resilience and risks of critical infrastructures provides the possibility to assess and monitor environmental risks, resilience, and performance of critical installations, plants, and systems as possible sources of environmental and other risks.

As part of the project, Steinbeis Advanced Risk Technologies, in conjunction with KIT, is planning 5 workshops related to the background of the Environmental portal as well as insight into the [SmartResilience Tool](#) for critical infrastructures. The planned online workshops are:

### 1) Measurement Data – Mr. M. Klein/Mr. C. Burkhart

**02 March 2021, 10:00 AM – 12:00 PM**

- Overview: Observations and Measurements at LUBW
- The Path of Measurement Data from Measurement to Portals (using the Example of Air Quality)
- Further Aspects (e.g. Archiving, Reporting Obligations, Research, ...)
- Presentation of Measurement Data in Portals/on Websites
- Technical Aspects of Measurement Data Processing and Presentation
- Discussion

### 2) Spatial Data – Ms. Fr. Li Zeng - Date ytbtc

- Overview: Spatial data in LUBW
- The Path of Spatial Data from Collection to Users (Methods, Tools, Systems, ...)
- Provision and Use of Spatial Data, e.g. Specialized Applications, UDO, RIPS, etc.
- Other Aspects (e.g. Use of Satellite Data, Aerial Surveys, Updating, Open Data, ...)
- Use, Provision, Presentation of Spatial Data in Portals/on Websites
- Technical Aspects of Geodata Processing and Presentation
- Discussion

### 3) Document Management & Full Text Search – Dr. A. Prüeß - Date ytbtc

- Overview: Technical Documents in LUBW
- The Path of Documents from Author to Publication
- Metadata for Documents
- Search for Documents (in PUDI)
- Other Aspects of Document Management (Archiving, Access, ...)
- Full Text Search Engine at LUBW and on Websites and in the Environmental Portal
- Discussion

### 4) Basics of Resilience - Prof. A. Jovanović – 19 March, 2021

**19 March 2021, 9:30 AM – 11:00 AM**

- Resilience – Definition and Terminology
- Resilience of critical infrastructures
- Purpose and Idea of the SmartResilience Project
- Presentation of relevant CaseStudies
- Discussion

### 5) Resilience Tool as part of LUPU - Prof. A. Jovanović /Mr. M. Jelić

**19 March 2021, 11:15 AM – 12:45 PM**

- Overview: The SmartResilience Tool
- Data and Information collected and used by the tool
- Presentation and interpretation of sample resilience analysis results



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### Preliminary list of expected participants - ytbtc:

1. KIT:
  - Dr.-Ing. Th. Schlachter
2. Steinbeis:
  - Prof. A. Jovanović
  - Mr. M. Jelić
  - Ms. M. T. Nguyen
  - Ms. V. Pfau
3. Industry:
  - NIS
  - EPS
  - other
4. Universities:
  - Belgrade
  - Kragujevac
  - Novi Sad

### Registration

Please follow the link to register for the workshop:

<http://envis.risk-technologies.com/Voting.aspx?vid=37>

Please follow this link to join the workshop:

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_MDA4Y202ZjqtNzgwOS00ZTY3LTgzZDUtNjFmZDYwM2E3ZWNI%40thre%22%3a%22de8151da-a3a9-4734-9a3e-80153f6411fe%22%2c%220id%22%3a%223a3adb0a-f97e-4498-9806-4c73ed78712d%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MDA4Y202ZjqtNzgwOS00ZTY3LTgzZDUtNjFmZDYwM2E3ZWNI%40thre%22%3a%22de8151da-a3a9-4734-9a3e-80153f6411fe%22%2c%220id%22%3a%223a3adb0a-f97e-4498-9806-4c73ed78712d%22%7d)