



Ref. No.: 3-17-3/3-2
Zagreb, 17 March 2017

15th PEG GIS Meeting Report

Bled, 15-16 March 2017

Venue: Triglav National Park, Ljubljanska cesta 27, 4260 Bled, Republic of Slovenia

Table of Contents

I. ATTENDANCE	3
II. CHAIRMANSHIP	3
III. ADOPTED AGENDA	3
IV. MINUTES OF THE MEETING	4
AD 1. OPENING OF THE MEETING	4
<i>Welcome and opening remarks</i>	4
<i>Adoption of the Agenda</i>	4
AD 2. OVERVIEW OF THE ACTIVITIES BETWEEN THE TWO MEETINGS	4
<i>Presentation on the ISRBC activities</i>	4
AD 3. SAVA GIS	4
<i>SavaGIS current status and demonstration of the updates</i>	4
AD 4. GIS DATA COLLECTION	5
<i>2nd Sava RB Analysis</i>	5
<i>1st Sava FRM Plan</i>	5
<i>Metadata collection</i>	6
AD 5. WORK PLAN AND WAY FORWARD	6
AD 6. OTHER ISSUES	6
ANNEX I: LIST OF PARTICIPANTS	7
ANNEX II: LIST OF DOCUMENTS	8

I. ATTENDANCE

The PEG members from Slovenia, Croatia and Serbia attended the meeting. The meeting was also attended by the representatives of the ICPDR Secretariat.

The list of participants is annexed to this report.

II. CHAIRMANSHIP

Mirza Sarač, Deputy Chairman of the PEG GIS, chaired the meeting, on behalf of the Chairman, Dragan Zeljko who could not participate in the meeting.

III. ADOPTED AGENDA

1. Opening of the meeting

- Welcome and opening remarks
- Adoption of the agenda

2. Overview of the activities between the two meetings

- Presentation on the ISRBC activities

3. Sava GIS

- Current status - demonstration of the latest updates of the Geoportal, Metadata catalogue and Sava HIS Real-time data application and discussion
- Manuals - presentation of the latest updates and discussion

4. GIS data collection

- 2nd Sava RB Analysis - review of related data & discussion
- 1st Sava FRM Plan - review of related data needs & discussion
- Metadata collection - data needs & discussion

5. Other relevant projects and activities

- Work Plan for FY 2017
- Further developments of Sava GIS - presentation and discussion
- Steps forward regarding the maintenance of Sava GIS - discussion

6. Other issues

IV. MINUTES OF THE MEETING

AD 1. OPENING OF THE MEETING

Welcome and opening remarks

M. Sarač opened the meeting and welcomed the participants. He informed the PEG that members from Bosnia and Herzegovina could not participate at the meeting. Tomaž Grilj, the PEG GIS member from Slovenia, as the host of the meeting, informed the participants on some logistical issues.

Adoption of the Agenda

PEG GIS adopted the agenda of the 15th PEG GIS meeting (*Ad.1_PEG GIS 15th_meeting_Adopted Agenda*, Doc. Ref. No.: 3-17-3/2-2).

AD 2. OVERVIEW OF THE ACTIVITIES BETWEEN THE TWO MEETINGS

Presentation on the ISRBC activities

M. Sarač on behalf of the Secretary, Dejan Komatina who could not participate in the meeting, informed the PEG GIS on the most important activities and events since the last 14th PEG GIS meeting held in October 2016, as well as on the upcoming meetings and events.

He also informed the PEG GIS on the current status of the projects regarding river basin management, flood management, information exchange and navigation, as well as and on the status of protocols.

More information on other activities and events can be found in presentation (*Ad.2_Presentation on ISRBC activities_PEG GIS 15*), available at the PEG's ftp site.

AD 3. SAVA GIS

SavaGIS current status and demonstration of the updates

M. Sarač provided an update on the Sava GIS main outcomes and functionalities and thereafter presented the Sava GIS Geoportal demo, showing the following additional functionalities developed in accordance with the agreed tasks on the 14th PEG GIS:

- Interface and functionalities in the Admin module for editing 'Template' tab for managing content displayed within the registered part of the SavaGIS Geoportal, as well as for editing 'Add external OWS layer' tab for entering and managing a list of optional WMS/WFS services to view services within the public and registered part of the SavaGIS Geoportal
- Pop-up display, on the Sava HIS Real-time Data application map, by selecting specific station. Pop-up window will have a dynamic character and contain a link to detail information on the selected station
- Data export from the Sava HIS database through existing interface of the Geoportal for the file format adaptive to HEC-DSSVue software
- Module for the SavaGIS account update by registered users (to change information such as password, e-mail, phone, etc.) with option for the password delivery to email and for reset the password by the user
- Upgrade of the SavaGIS web-services related to the protected WMS/WFS services
- Upgrade of display of the individual spatial layers due the size and structure of data.

M. Sarač gave an overview of the test cycle results. He pointed out that the feedback was received from all countries except from Bosnia and Herzegovina. Details can be found in the document (*Ad.3_Sava GIS_Additional Functionalities - Testing results*).

M. Sarač also briefly presented the updated version of the SavaGIS manuals (*Ad.3_Sava GIS updated manuals - last modifications 10.02.2017*).

PEG GIS took note on the SavaGIS improvements and after discussion the following conclusion has been agreed:

- PEG GIS will deliver the list of national WMS/WFS services (URLs) for 'Add external OWS layer' tab, by March 31, 2017
- PEG GIS will deliver the documents for 'Template' tab, by March 31, 2017
- PEG GIS will check and send the comments to the list of layers publicly available on the Geoportal, by March 31, 2017.

AD 4. GIS DATA COLLECTION

2nd Sava RB Analysis

M. Sarač shortly informed the PEG GIS that all data for the 2nd SRBA, collected from the Danube GIS (HR, RS, SI and ME) or from the 1st Sava RBM Plan (BA), as the PEG RBM has previously agreed, were harmonized and migrated by the Secretariat into the new Sava GIS database model, already presented at the 14th meeting. The 2nd SRBA Sava GIS database was reviewed and checked by the PEG GIS members and officially imported into the central RBMP SavaGIS database via Geoportal.

Given that some specific attribute data still missing in the central RBMP SavaGIS database the PEG GIS agreed to import remaining data with the following conclusion:

- PEG GIS will review and check data in the central RBMP SavaGIS database used for the 2nd SRBA and import all missing attribute data for which the spatial data are already uploaded, by April 21, 2017.

1st Sava FRM Plan

M. Sarač reminded the PEG GIS on its 14th meeting when agreed that the Secretariat will assist the PEG GIS members in the process of checking the imported data so far in the central FRM SavaGIS database. He also informed on the ongoing activities related to the development of the Sava FRM Plan and stressed necessity of the collection of the FRM data, which should be used by the selected consultants (EPTISA) and pointed out the conclusion of 30th PEG FP related to upload of the remaining data in the central SavaGIS FRM database, as follows:

- The countries will upload the remaining and available data, immediately after the next PEG GIS meeting (March 16, 2017)
- The Secretariat will inform PEG GIS about the previous conclusion and necessity of these data.

Therefore, M. Sarač presented the list of missing datasets in the central FRM SavaGIS database and pointed out the needed actions by countries:

- PFRA & APSFR
 - BA - upload remaining attributes
 - HR - check and confirm
- Flood hazard maps
 - BA - upload spatial and attribute data, if any
 - HR - check and confirm the data
 - RS - upload spatial and attribute data, if any
- Flood risk maps
 - BA - upload spatial and attribute data, if any
 - HR - upload spatial and attribute data
 - RS - upload spatial and attribute data, if any

- SI - upload spatial and attribute data
- Flood protection structures
 - BA - upload additional data, if any
 - HR - upload spatial and attribute data
 - RS - upload additional data, if any
 - SI - upload spatial and attribute data

After discussion the following was agreed:

- PEG GIS will check and import the remaining data in the central FRM SavaGIS database
- PEG GIS will inform the Secretariat on implemented activities, by April 21, 2017.

Metadata collection

M. Sarač informed the PEG GIS that the Secretariat implemented the conclusion from the previous meeting and created the new metadata datasets into the Metadata Catalogue for the purpose of exchange of information on flood related projects/activities and filled out with the existing information previously delivered by the PEG FP.

He also pointed out that the Secretariat will create the Sava GIS accounts for all members of the PEG FP to upload/download data via the SavaGIS Geoportal and web-applications, so any further exchange of information will be carried out via the SavaGIS Metadata Catalogue by the PEG FP members, with the support of the PEG GIS members, if would be needed.

PEG GIS took note on the information.

AD 5. WORK PLAN AND WAY FORWARD

The PEG GIS took note on the Work plan for FY 2017 (Ad.5_Work Plan for FY 2017_ADOPTED).

M. Sarač briefly informed the PEG GIS on the activities of the Sava FRM Plan development noting that the GIS database module for the Plan, in addition to the existing FRM Sava GIS datasets developed in accordance with the FD Reporting Guidance, should be designed and implemented into SavaGIS in the course of preparation of the Sava FRM Plan. The PEG GIS took note that significant involvement of the PEG is expected.

The PEG also discussed the steps forward regarding the maintenance of Sava GIS and emphasized the need of permanent daily maintenance of the system. The ICPDR representative confirmed that need, from the Danube GIS point of view, and also emphasized as a very important step in the overall GIS management.

AD 6. OTHER ISSUES

The Slovenian members have shown an explicative video - Živeti s poplavami about the project: Cross-border cooperation for flood risk reduction (FRISCO), see link: <https://frisco-project.eu/sl/multimedija/video/>.

As proposed by the PEG GIS, the next 16th meeting of PEG GIS shall be held in September 2017 in Sarajevo.

Details and the exact term will be determined later.

ANNEX I: LIST OF PARTICIPANTS

Full Name	Country/Company/Organization	Tel/Fax/E-Mail	Attendance
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ANNEX II: LIST OF DOCUMENTS

Agenda item	Title	Language	Type
1	Ad.1_PEG GIS_15th meeting_AdoptedAgenda	Eng	.doc
2	Ad.2_Presentation on ISRBC activities_PEG GIS 15	Eng	.ppt
3	Ad.3_ Presentation on SavaGIS	Eng	.ppt
3	Ad.3_Sava GIS_Additional Functionalities - Testing instructions	Cro	.docx
3	Ad.3_Sava GIS_Additional Functionalities - Testing results	Bos	.xlsx
3	Ad.3_Sava GIS updated manuals - last modifications 10.02.2017 <ul style="list-style-type: none"> - Sava GIS Geoportal_Public User Manual v2 - Sava GIS Geoportal_Registered User Manual v2 - Sava HIS Real-Time Data_Users Manual v2 	Eng	.pdf
4	Ad.4_ Presentation on GIS data collection	Eng	.ppt
5	Ad.5_Way forward-FRMPdatasetdevelopment	Eng	.pdf
5	Ad.5_Work Plan for FY 2017_ADOPTED	Eng	.pdf