

## ISSMGE - TC201

### Geotechnical Aspects of Dykes and Levees

#### Newsletter December 2014

Dear TC member,

This is the seventh newsletter of the ISSMGE Technical Committee 201: geotechnical aspects of dykes and levees. The intention of the newsletter is to keep all members informed on coming activities of our TC.

Meindert Van (Chairman TC201)  
Cor Zwanenburg (Secretary TC201)

#### 1. Webinar

The ISSMGE organizes webinars on a regular basis, see <http://www.issmge.org/en/conferences-and-events/upcoming-webinars>. TC201 has suggested a webinar on peat in relation to dike stability. The webinar is held on December 1<sup>st</sup>. The webinar is entitled "Geotechnical aspects of peats" and is still downloadable at the above mentioned link.

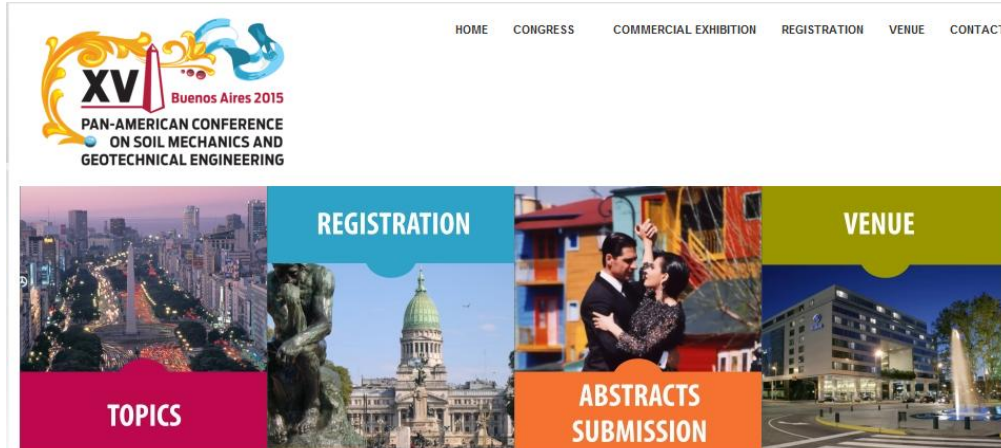
The screenshot shows the ISSMGE website interface. At the top, there is a red navigation bar with the ISSMGE logo on the left, the text "International Society for Soil Mechanics and Geotechnical Engineering" in the center, and "Login EN FR" on the right. Below the navigation bar is a search bar. On the left side, there is a vertical menu with red buttons for: HOME, THE SOCIETY, MEMBER SOCIETIES, CORPORATE ASSOCIATES, ISSMGE FOUNDATION, CONFERENCES & EVENTS (highlighted), COMMITTEES, AWARDS, RESOURCES, YOUNG MEMBERS, FedIGS, and ANNOUNCEMENTS. The main content area is titled "Upcoming Webinars" and includes a sub-header "© Last Updated on 21 November 2014" and links for "Print" and "Email". A featured webinar announcement includes a photo of Dr. Cor Zwanenburg and the text: "December 2014 Webinar. The topic of the December webinar will be 'Geotechnical Aspects of Peats'. It will be presented by Dr. Cor Zwanenburg. The date will be in 01 December 2014 12:00pm GMT." Below this, there is a link for "Previous recorded webinars".

#### 2. Workshop TC201 2015

In advance of the XV<sup>th</sup> Pan-American conference TC201 plans to organize a one day workshop in the field of dike technology. The workshop will consist of three parts. First, it will give a floor to TC201 members whose abstracts did not fit in the conference programme. In this way we want to guarantee TC members an opportunity to present their work. Second, we would like to share experiences with (software) tools and design manuals used in the field of Dike Technology. The results of this part of the workshop will be made available later through the website. Third, as explained in section 5 of this newsletter, we intend to make an inventory of available case histories of dike failures since 2000. Each TC201 member is encouraged to bring in cases. If you cannot join the workshop, you can send your suggestions directly to the secretary, [cor.zwanenburg@deltares.nl](mailto:cor.zwanenburg@deltares.nl)

### 3. Committee meeting 2015

The next committee meeting will be held during the XV<sup>th</sup> Pan-American Conference on Soil Mechanics and Geotechnical Engineering, Buenos Aires 2015, November 15<sup>th</sup> to 18<sup>th</sup>. Exact details about the meeting, time location etc. will be provided later. Please note that the workshop, see section 2 of this newsletter, will provide the opportunity for TC201 members to present contributions that did not fit in the conference programme.



<http://conferencesba2015.com.ar/website/xv-panamerican-conference-on-soil-mechanics-and-geotechnical-engineering/welcome/>

### 4. Case histories; “dike failures in the new millennium”

Well described case histories form valuable lessons for engineering practice. Although many dike failures are known, the number of well described dike failure seem limited. Therefore, TC201 wants to collect case histories of dike failures. The focus will be on recent failures, since the year 2000. The case histories should be well divided around the different continents and different failure mechanisms.

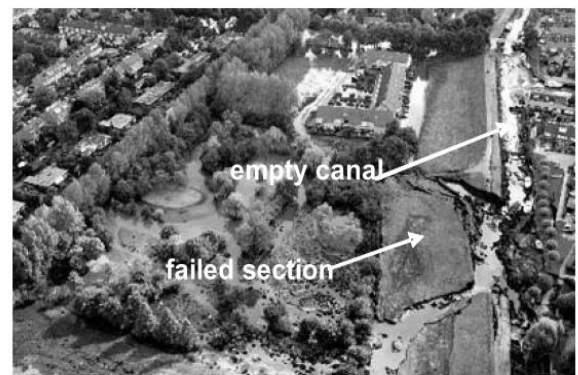
We will make an inventory of available cases during the workshop, see section 4. Next, the cases will be elaborated for a paper to be published in the ISSMGE on line journal on Case Histories, see

- <http://www.issmge.org/en/resources/international-journal-of-geoengineering-case-histories>
- <http://casehistories.geoengineer.org/>

We hope to finish this publication in 2016.

### 5. ISSMGE 2017

In 2017 a committee meeting is planned at the ISSMGE conference in Seoul. Further details will be given when available.



*Fig. 1. Failed canal dike at Wilnis, August 2003.*

**7. Next Newsletter**

The next newsletter will be send around at June 15<sup>th</sup>. Please provide all available information to the secretary Cor Zwanenburg, [cor.zwanenburg@deltares.nl](mailto:cor.zwanenburg@deltares.nl).