

## ISSMGE - TC201

### Geotechnical Aspects of Dykes and Levees

#### Newsletter June 2015

Dear TC member,

This is the ninth 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. Workshop TC201 2015

In advance of the XV<sup>th</sup> Pan-American conference TC201 organizes 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 3 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)

The workshop will be held on Sunday November 15<sup>th</sup> 2015 from 13:00 h to 17:00 h at the conference venue, Hilton hotel Buenos Aires.

#### 2. 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>. The management meeting will be held before the workshop, Sunday November 15<sup>th</sup> 10:00 – 1200 h. Please note that the workshop, see section 1 of this newsletter, will provide the opportunity for TC201 members to present contributions that did not fit in the conference programme.

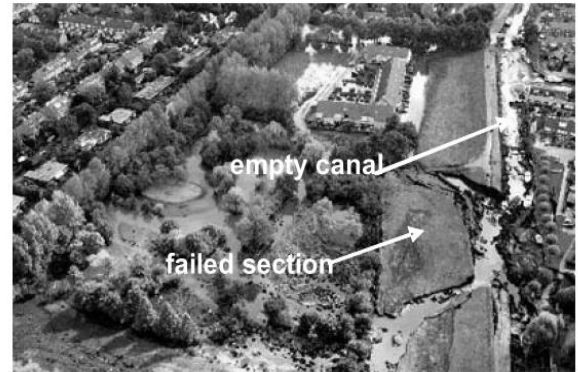
The image shows the homepage of the XV Pan-American Conference on Soil Mechanics and Geotechnical Engineering, Buenos Aires 2015. At the top left is the conference logo, which includes the text 'XV Buenos Aires 2015' and 'PAN-AMERICAN CONFERENCE ON SOIL MECHANICS AND GEOTECHNICAL ENGINEERING'. To the right of the logo is a navigation menu with links: HOME, CONGRESS, COMMERCIAL EXHIBITION, REGISTRATION, VENUE, and CONTACT. Below the navigation menu is a grid of six images with text overlays: 'TOPICS' (over a city night view), 'REGISTRATION' (over a blue background), 'VENUE' (over a green background), 'ABSTRACTS SUBMISSION' (over an orange background), and two other images (one of a statue and one of a building) without text overlays.

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

### 3. 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 documented 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 1. Next, the cases will be elaborated for a paper to be published in the ISSMGE on line journal on Case Histories, see



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

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

We hope to finish this publication in 2016.

### 4. ISSMGE 2017

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

### 5. Next Newsletter

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