

ISSMGE - TC201

Geotechnical Aspects of Dikes and Levees

Newsletter December 2015

Dear TC member,

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

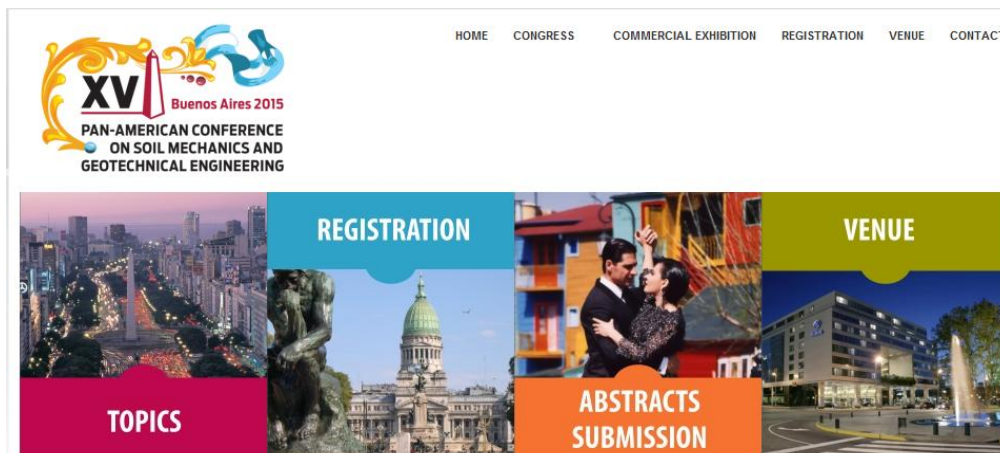
Meindert Van (Chairman TC201)
Cor Zwanenburg (Secretary TC201)

1. Workshop TC201 2015

In advance of the XVth pan-american conference in Buenos Aires TC201 organised a workshop on November 15th 2015. Seven speakers discussed a variety of items concerning dike technology:

- Prof. Dr. M.E. Pardini Dikes and Levees in Argentina
- Prof. Dr. M. Achmus Behaviour and stability of cohesive dike cover layers
- Dr. P.N. Lopez Acosta Tabasco Levees
- Dr. M.A. Van Assessment of present and future safety levels
- Dr. M. Pohl Evaluation procedure for dikes & embankments in Germany
- Dr. C. Zwanenburg Full scale field trials to assess dike stability
- Dr. M.A. Van SAFElevee project

The presentations are available upon request, please contact cor.zwanenburg@deltares.nl



2. European Levee Community of Practice

Recently, the European Levee Initiative is launched. An important item will be the library/database of case histories, which also is presented in the workshop as the SAFElevee initiative-wg4. This initiative is supported by the European working group on levees under ICOLD (EUCOLD) TC201 has the intention to actively support this initiative and will encourage TC members fill the database that will be on the website summer 2016. The website of this European Levee Initiative will also be announced in the next newsletter.

3. Joined paper; “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 failures seems 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.

A paper will be written on the selected case histories. The paper is meant to be published in the international journal of geoenvironmental case histories. (<http://casehistories.geoengineer.org/>)

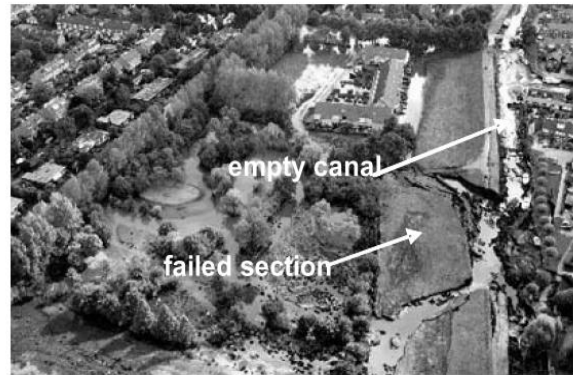


Fig. 1. Failed canal dike at Wilnis, August 2003.

Several TC members have volunteered to contribute to the paper. If you want to join this initiative please contact Cor Zwanenburg (cor.zwanenburg@deltares.nl) **before** 20 december 2015. After December 20th, more detailed planning will be made by the volunteered authors.

We hope to finish this publication in summer 2016.

4. Change in chair TC201

Meindert Van has served TC201 as chair for 10 years now. According to regulations, he will resign at the end of this year. Cor Zwanenburg is proposed as his successor and Martin Pohl as the new secretary. The TC members are consulted by e-mail, 4 November 2015 and the proposal is discussed at the TC meeting in Buenos Aires, 17 November 2015. The TC members fully support the proposal for new chair and secretary. To finalize the change in chair and secretary the proposal is sent to the Technical Overview Committee for their approval.

5. ISSMGE webinars

The ISSMGE organizes webinars regularly. Oncoming webinars are:

- December 14th “ Laterites and lateritic soil and the potential use of the Dynamic Cone Penetrometer” Prof. S.I.K. Ampadu
- January “Consolidation and Creep” S. Leroueil

The webinars can be found on <http://www.issmge.org/en/conferences-and-events/upcoming-webinars>. Previous recorded webinars can be found on: <http://www.issmge.org/en/resources/recorded-webinars>

The TC members are encouraged to further promote watching the webinars.

6. ISSMGE 2017

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

7. Next Newsletter

The next newsletter will be send around at June 15th. Please provide all available information to the secretary Martin Pohl, martin.pohl@baw.de.