

Technical Committee TC 33
Geotechnics of Soil Erosion
International Society of Soil Mechanics and Geotechnical Engineering
Chair: Professor Jean-Louis Briaud, USA

Minutes (DRAFT)
Meeting in Tokyo
November 4th, 2008, from 18:00 to 21:00 h

1. Call for attendance

The chairman welcomes members and guests and thanks Prof. H. Sekiguchi for arranging the meeting and the conference

A form of attendance is circulated. 9 members and 6 guests are attending (see attachment). All members and guests present themselves.

2. Introduction

The chairman gives an introduction to TC 33 and its history, specifically the sequence of conferences. The TC has to be reestablished in each presidential period of ISSMGE. Recognizing the importance of this TC, all presidents confirmed this working group, but established details according to their personal view.

B. Melville, member of IAHR, proposes more interaction of the 2 associations. IAHR presidents are rather open.

J.-L. Briaud mentions the different views of the Presidents, Kenji Ishihara, William van Impe, and Pedro Seco e Pinto. The general opinion was that committee members should be members of ISSMGE. William van Impe founded FIGS, which could be an avenue for TCs to host members of other organizations. Jean-Louis Briaud indicated that he is a candidate for President of ISSMGE and asks for support of the national committees. If elected, he would like to widen and lighten the concept of FIGS (e.g. including IAHR).

Y.-M. Chew mentioned the possibility of cooperation between his IAHR-committee (fluvial hydraulics) and TC33 in 2007. The proposal was well received, but it became not clear, on what level a cooperation should happen (e.g. "only" fluvial hydraulics and TC33).

3. Comments on ICSE-4

The chairman of the conference, Hideo Sekigushi, gave an introduction to the conference and the venue. About 140 participants are expected. A short overview was distributed. H. Sekigushi invites the participants of the meeting to a light meal after the meeting.

J.-L. Briaud mentioned that ISSMGE asks for 2% of the conference fees but does not provide any help. (The 2% are helping to fund the Young Engineers Conferences)

It was discussed, that maybe more participants could be expected, if IAHR- and IECA-members join the TC33. B. Melville proposed that TC33 could meet during the IAHR-conferences. By this a yearly meeting of TC33 could be achieved. – B. Melville will address Ettema and Ly as responsible persons for IAHR-conferences.

H. Sekiguchi was asked by J.-L. Briaud about Do's and Don'ts of a conference. He states that

- no poster presentation – all should be orally presented
- it is not known, who is coming as registration are done very shortly before the conference.
- parallel sessions are necessary, if presentations are to be a minimum of 15 min long.

Further it was discussed:

- Presentations limited to 6-8 min like at the Rencontres, France, could avoid parallel sessions. It was agreed that parallel sessions are acceptable.

- To allow to select specific presentations in concurrent session, the presentations should strictly keep to the schedule. The majority thinks that this would not work.
- It was argued that poster can also initiate lot of exchange if during the poster session all participants are at the same place (e.g. including snacks and drinks). On the other hand posters are often considered a second class presentation.

H. Sekiguchi intends to put the contributions of ICSE-4 on the web-site of the Japanese Geotechnical Society (with permission of the authors). It was generally discussed to provide the contributions to all conferences via the internet. It would not be much effort – but needs somebody to care for (association, univ.library - not only one professor). It has to be considered that the publisher may have objections. (For ICSE-4 a local publisher was commissioned for only 200 copies, so there is no copyright problem.)

Inquiries for copies after the preceding conferences have been low. The proceedings of Texas are still available, for Singapore it is not known, the copies of Amsterdam are sold out. Solution is sought for a solid repository for the former conferences.

4. Presentations of ICSE-5 (2010)

Cathy Avila and Beatrice Hunt will organize the 2010 conference in San Francisco. Cathy Avila, gave an overview on ICSE-5 in 2010:

The GEO-Institute / ASCE will be the main host, supported by EWRI, the Fed. Highway Ass. and Caltrans. A date in Mid-November 2010 is intended, the call for papers in fall 2009. A website is installed (www.icse-5.com), brochures will be distributed during ICSE-4.

The venue has not yet been decided upon. Possible locations are Westin Hotel near SF-Airport (20' BART ride from Center), SF State University, Moscone Conf Center, Univ. of Calif. SF.

The organizing committee is set out already:

- Chair: Cathy Avila, Avila & Associates
- Co-Chair: Beatrice Hunt, STV Inc.
- Special Consultant: Dr. Jean Louis Briaud, Texas A&M
- Technical Programs: Dr. Giovanna Biscontin, Texas A&M
- Proceedings: Dr. Susan Burns, Georgia Institute of Tech. and Dr. Shobha Bhatia, Syracuse University
- Short Courses: Dr. Su Mishra, Ayres Associates
- Exhibits Manager: Marty Teal, WEST Consultants
- Logistics Manager: Joe Scannell, US Engineering Solns.
- Sponsorships: Ernie Avila, Avila & Associates
- Event Planner and Graphics: Lisa Koss, PB Americas

It is planned to provide Proceedings + CD, maybe "proceedings à la carte", i.e. printed only on demand or to supply printed keynotes + abstracts, and all papers on CD).

A Preconference Short Course can be offered, and exhibits are planned as well as post conference tours. The registration fee is estimated to be 600 – 700 US\$. Exhibitors are expected from scour monitoring manufacturers, FHWA, erosion control manufacturers, consulting engineering firms.

When proceedings on CD were discussed, it was mentioned that consecutive page numbers are required on CD to allow for correct citation! Further discussions covered "state of the art-papers" – proposals are welcome and are to be sent to Cathy and Beatrice, but on the other hand it was mentioned that keynote papers represent the state of the art. It was further discussed to publish the keynote presentation on the internet (could be used for teaching). There were many further proposals related to internet-presentations. One problem was highlighted: The use of logos and advertising has to be kept low.

5. Discussion and Presentation of proposals for ICSE-6

J.-J. Fry invites the ICSE-6 to Paris 2012. In France two research programs are going on (ERINOH and DSIG on internal and external erosion). In 2012, the release of the results is expected. (The R&D project is scheduled 2007-2011.)

The results are certainly valuable for TC 33-community. They include

- Incidents and failures Data Bases

- Detachment Criteria and Erosion or Transport Laws: Developments of new apparatus for characterizing the erosion laws
- Multi-Physics Modelling: Development of new numerical models fitting internal erosion processes.
- Soil treatments: Study of durability and effectiveness of the different grouting techniques
- Software: First draft of engineering tool modelling piping and the hydrogram of failure.
- Methods of Detection: Assessment of geophysical methods Development of cells and interpretation methods. Surveillance. Danger caused by roots.
- Site surveys: Applications of R&D outputs
- Publications: Guidelines in textbooks for practitioners.

Current references are the proceedings of a symposium in Freising (Germany), Sep 2007 and the book of Fell & Fry "Internal erosion of dams and their foundations".

The venue is planned at Ecole Speciale des Travaux Publics (Special School for Public Works) with a top terrace providing a view over the center of Paris and St.Germain des Prés.

The proceedings (book+CD) will be published by LCPC Editions.

It was discussed to offer reduced fees if the proceedings are on CD only. Finally it was decided to leave the format to the conference organizers.

J.-L. Briaud reminds that TC33 started with foundations only, and appreciates the extension towards internal/external erosion. Already in San Francisco this topic should be included.

The proposal to host ICSE-6 in Paris was accepted unanimously.

6. Other committee projects including state of the art papers, travelling lectures, list serve email, web site, conference guidelines...)

There was no clear vote for TC33 to initiate and disseminate **state of the art papers**. But it was agreed that proposals for such papers should be made to the chairs of the forthcoming conferences.

Traveling lectures have not been requested till now, and TC33 will not offer it by itself.

R. Whitehouse reports on the effort to establish a list of e-mails of experts. Despite initial enthusiasm, the project did not "fly". It was discussed to use ENCORA network (European Coastal Network, www.encora.eu) or a river network – in the Netherlands riverlist works well. Since the effort is considered to large, the project is abandoned.

J.-L. Briaud recalls the internet-option for proceedings to ascertain that the proceedings will not get lost. There is the ISSMGE-library in Sweden. J.-L. Briaud will check if they can provide support. All chairs of previous ICSE should ask their publisher that J.-L. Briaud can put it on the TC33-site (or it can be published in any other media). It is further proposed that for any future ICSE conference, all previous ICSE conference proceedings be included in the proceedings DVD which is distributed at the conference to maintain the past information.

Gijjs Hoffmans is planning to update the scour manual and to include internal erosion/erodability of clay, grass, etc. All participants are asked to contribute to such an extension. J.-J. Fry invites G. Hoffmans to be a member of the committee for ICSE 2012 for exchange and collecting ideas for such chapters. Interested persons are asked to contact G. Hoffmans, while he in turn will send his ideas to the committee.

12. Adjourn

The chairman thanks all members and friends for their effort, closes the meeting and invites all to stand together for a photo.

Jean-Louis Briaud
Chairman

Michael Heibaum
Secretary

Members TC33-(2005-2009) – by name:

(shaded members did not attend)

Prof. Zh.	Bainatov	Kazakhstan	kazatk@mail.kz
A.	Bekkouche	Algeria	a_bekkouche@hotmail.com
Dr. Erik	Bollaert	Switzerland	erik.bollaert@aquavision-eng.ch +41 79 / 7751761 Aqua Vision Engineering PO-Box 73 EPFL CH-1015 Lausanne Switzerland
Prof. Dr. H.	Brandl	Austria	heinz.brandl@tuwien.ac.at
Prof. J.-L.	Briaud	USA	briaud@tamu.edu +1 979 845-3795 Texas A&M University, Dept.of Civ.Eng. 3136 TAMU 77843-3136 College Station, Texas USA
Laura	Caldeira	Portugal	laurac@lnec.pt
Prof. Yee Meng	Chiew	Singapore	cymchiew@ntu.edu.sg +65 6790 5256 School of Civil & Structural Engrg., Nanyang Technological University 639798 Nanyang Avenue Singapore Republic of Singapore
Jeff	Farrar	USA	jfarrar@do.usbr.gov
Prof. Robin	Fell	Australia	robinf@civeng.unsw.edu.au
Dr. Jean-Jacques	Fry	France	jean-jacques.fry@edf.fr +33 4 79606178 EDF - Centre d'Ingenierie Hydraulique Savoie Technolac 73373 Le Bourget France
Prof. Dr. Fuping	Gao	China	fpgao@imech.ac.cn +86 10 82544189 Chinese Academy of Sciences, Inst. of Mechanics No.15 Beisihuanxi road 100080 Haidan District, Beijing P.R. China
Greg	Hanson	USA	greg.hanson@ars.usda.gov
Dr. Michael	Heibaum	Germany	michael.heibaum@baw.de +49 721 / 9726-3820 Bundesanstalt f. Wasserbau Kussmaulstr.17 76187 Karlsruhe Germany
Saeed	Heidari	Iran	s.heidari@gmail.com
Gijs	Hoffmans	Netherlands	Gijs.Hoffmans@deltares.nl +31 15 / 269 35 19 Deltares P.O. Box 177 2600 MH Delft Stieltjesweg 2 2628 CK Delft. The Netherlands
Dr. J.	Józsa	Hungary	Jozsa@vit.bme.hu
Dr. B.	Klosinski	Poland	bklosinski@ibdim.edu.pl
Dr. Kiseok	Kwak	Korea	kskwak@kict.re.kr

Prof. Sanda	Manea	Romania	smanea@mail.utcb.ro
Prof. Bruce	Melville	New Zealand	b.melville@auckland.ac.nz
			+64 9-373-7599 ext. 8165 The University of Auckland Private Bag 92019 Auckland New Zealand
Fernando Delgado	Ramos	Spain	fdelgado@ugr.es
Mario	Ruel	Canada	mario.ruel@cn.ca
Prof. Michael	Sakellariou	Greece	mgsakel@mail.ntua.gr
Prof. Hideo	Sekiguchi	Japan	sekiguchi@ujigawa.mbox.media..dpri.kyoto-u.ac.jp
			+81 774 38-4176 Disaster prevention Research Institute - Kyoto University Ujigawa Open Lab - Fushimi-Ku 612-8235 Kyoto Japan
Dr. Makoto	Shimamura	Japan	m-shimamura@jreast.co.jp
Roger	Skirrow	Canada	roger.skirrow@gov.ab.ca
Dr. Jaime	Suarez-Diaz	Colombia	erosion@b-manga.multi.net.co
Eng. Andrea	Themeli	Albania	andrthml@yahoo.it
Tore	Valstad	Norway	tva@ngi.no
Prof. Dr.- Ing. K. J.	Witt	Germany	kj.witt@bauing.uni-weimar.de

GUESTS

Catherine	Avila	USA	cavila@avilaassociates.com
			+1 415 576-1230 Avila & Associates 760 Market Street, Ste. 1055 CA 94102 San Francisco USA
Reda	Diab	Germany	rr_diab@TU-Darmstadt.de
			+49 6151 / 16-2749 Darmstadt University of Technology Rundeturmstraße 1 64283 Darmstadt Germany
Dr. John	Harris	UK	jmh@hrwallingford.co.uk
			+44 1491 835381 HR Wallingford Howbery Park Wallingford, OX10 8BA United Kingdom
Beatrice	Hunt	USA	beatrice.hunt@stvinc.com
			+1 212 614-3358 STV Incorporated 225 Park Avenue South NY 10003 New York USA
Dr. Shinji	Sassa	Japan	sassa@kaigan.dpri.kyoto-u.ac.jp
			Disaster prevention Research Institute - Kyoto University Gokasho, Uji 611-0011 Kyoto Japan
Dr. Richard	Whitehouse	UK	rjsw@hrwallingford.co.uk
			+44 1491 822434

			HR Wallingford Howbery Park Wallingford, OX10 8BA United Kingdom
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