

**INTERNATIONAL SOCIETY OF
SOIL MECHANICS AND GEOTECHNICAL ENGINEERING
TECHNICAL COMMITTEE NO.33 on GEOTECHNICS OF SOIL EROSION**

**GEO-INSTITUTE OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS
COMMITTEE ON GEOTECHNICS OF SOIL EROSION**

**Joint Meeting at the Pan American Conference in Cambridge, Massachusetts,
June 23, 2003 from 7:30 to 10:00 pm**

**Chair person: Jean-Louis Briaud (briaud@tamu.edu)
Secretary: Giovanna Biscontin (gbiscontin@tamu.edu)
Membership: Beatrice Hunt (bhunt@hardesty-hanover.com)**

Attendees: Jean-Louis Briaud (chair)
 Giovanna Biscontin
 Deborah Goodings
 Beatrice Hunt
 Jeff Keaton
 Richard Woods
 Jaime Suarez-Diaz

1. Opening remarks

Jean-Louis Briaud called the meeting to order, circulated the agenda (attached) for discussion and asked the attendees to introduce themselves to the group. Jean-Louis Briaud gave a brief history of both committees since their foundation.

Richard Woods, Vice President of the International Society of Soil Mechanics and Geotechnical Engineering, introduced the Speakers Bureau initiative of the G-I and suggested that the committee members offer traveling lectures through the G-I program. Richard Woods also discussed the importance for committee members to be members of the ISSMGE and of the G-I. He explained that it is a strict rule in ISSMGE but not a strict rule in the G-I. Jean-Louis Briaud asked Richard Woods if the TC-33 committee could get some exposure at the 2005 ISSMGE Osaka conference to help geotechnical engineers become more aware of the scour and erosion problem.

Action: Richard Woods will look into the Committee's request for exposure at the Osaka conference

2. Membership

Beatrice Hunt, member of the committee responsible for membership, outlined strategies to encourage interest in joining the committee. An email will be sent out to all ASCE members describing the activities of the committee, referring all interested parties to Hunt for more information. The email will also be sent to a number of associations, companies and individuals that are known to the existing members of the committee for their work in the area of soil scour and erosion. The size of the membership may have to be limited 20 interested individuals.

Action: **Beatrice Hunt will send a general email to a wide distribution list to attract interested parties to the committee.**

3. Relations with other groups

Relations shall be established with associations or organizations having similar interests and goals:

- Committee A2L05(2) of the Transportation Research Board
Jeff Keaton, Chair, jkeaton@agraus.com
- Committee A2A03 of the Transportation Research Board
Brian Roberts, Chair, WRCBCR@aol.com
- ASCE EWRI (Environmental and Water Resources Institute)
Brian Parsons, Director, bparsons@asce.org
- ASCE COPRI (Coasts, Oceans, Ports, Rivers Institute)
Patricia S. Brown, Director, pbrown@asce.org
- ASCE SEI (Structural Engineering Institute)
Jim Rossberg, Manager, jrossberg@asce.org
- ISSMGE (International Society on Soil Mechanics and Geotechnical Engineering)
Jean-Louis Briaud, Chair: Geotechnics of Soil Erosion, briaud@tamu.edu
- IECA (International Erosion Control Association)
Sherri Dunlap, Vice President, sld@hcfcd.co.harris.tx.us
- ICOLD (International Commission on Large Dams)
Kaare Hoeg, Past President, Kaare.Hoeg@ngi.no
- FHWA (Federal Highway Administration)
Jorge Pagan, Head of Hydraulics, jorge.pagan@fhwa.dot.gov
- ASAE (American Society of Agricultural Engineers)
Kerry Robinson, Chair: SW-22, Kerry.Robinson@ftw.nrcs.usda.gov

Action: **Beatrice Hunt will use these emails to attract interested parties to the committee.**

4. Sub-committees

Jean-Louis Briaud proposed the following sub-committees, similar to those established within the International Society of Soil Mechanics and Geotechnical Engineering technical committee no. 33 on Geotechnics on soil erosion:

- § Scour of foundations
- § Dam erosion
- § Surface erosion

Action: **The creation of the sub-committees and the choice of Chairs for the subcommittees are postponed until a full membership is established.**

5. Web site

Giovanna Biscontin described the web site that she created for the committee. The web site is hosted on the Texas A&M University server and will be linked to the “committees” page on the Geo-Institute web site. The address of the web site is:

<http://ceprofs.tamu.edu/gbiscontin/erosion-gi.htm>

Action: Giovanna Biscontin will place the minutes on the web site

6. Sessions at conferences

Jean-Louis Briaud suggested that the committee becomes active in proposing technical sessions for upcoming conferences. Session topics were discussed; the following sessions will be proposed for the GeoFrontiers conference in Austin, TX, in January 2005 (due October 1, 2003. <http://www.asce.org/conferences/geofrontiers05/>)

- § Geosynthetics for the control of surface erosion (Zornberg, Landphair, Blight)
- § Scour of foundations (Briaud, Hunt, Chiew)
- § Dam Erosion (Annandale, Carrier, Hoeg)

Action: Jorge Zornberg will propose a session to GeoFrontiers on the topic of Geosynthetics for the Control of Soil Erosion. He will coordinate with Harlow Landphair and Geoff Blight.

Action: Jean-Louis Briaud will propose a session to GeoFrontiers on the topic of Scour of Foundations. He will coordinate with Beatrice Hunt and Meng Chiew.

Action: George Annandale will propose a session to GeoFrontiers on the topic of Dam Erosion. He will coordinate with David Carrier and Kaare Hoeg.

7. Conferences

You are strongly encouraged to contribute to the following conferences which are either devoted to the topic of the committee (Singapore) or have significant sessions devoted to the topic). Future conferences on geotechnics of soil erosion include:

- § Second International Conference on Scour and Erosion, 14-17 November 2004, Singapore (web site: <http://www.icse2004.org> , contact: Professor Chiew; CYMCHIEW@ntu.edu.sg)
- § Symposium on Erosion, Summer 2004, Lima, Peru (contact: Professor Suarez Diaz: erosion@epm.net.co)
- § Second International Conference on Bridge Maintenance, Safety, and Management, October 19-22, 2004, Kyoto, Japan (web site: <http://iabmas04.kuciv.kyoto-u.ac.jp/> , contact: Professor Paulo Cruz: pcruz@civil.uminho.pt)
- § GeoFrontiers 2005 conference, Geo-Institute and Geosynthetics 2005 Congress, January 24-26, 2005, Austin, Texas, USA (web site: <http://www.asce.org/conferences/geofrontiers05/>)
- § 16th International Conference on Soil Mechanics and Geotechnical Engineering, 12-16 September, 2005, Osaka, Japan (Web site: <http://www.icsmge2005.org/>)

8. Short courses

Short courses on the three topics of the subcommittees were discussed and left as potential activities of the committee once the membership is more strongly establishes.

9. Publications

Publications were also discussed as a potential activity of the committee. No action was taken at this time.

10. Awards

Awards for deserving colleagues were also discussed and will be placed on the agenda of the next meeting.

11. Other business

Professor Suarez Diaz from Columbia presented his new book (in Spanish, soon to be available on the internet in English) on “Control de Erosion en Zonas Tropicales” published by the Universidad Industrial de Santander in Columbia.

Action: Giovanna Biscontin will include this new book on the list of references of the web site, including how to get a copy of it.

12. Next meeting

The next meetings of the committee are scheduled as follows:

Meeting 1: Transportation Research Board, Washington DC, USA, January 11-15, 2004, **TRB 83rd Annual Meeting**, Washington, D.C., USA (web site: http://gulliver.trb.org/news/blurp_detail.asp?id=1312 , Contact: Linda Karson: lkarson@nas.edu)

Meeting 2: GeoFrontiers Conference in Austin, TX, USA, January 24-26, 2005, Austin, Texas, USA (web site: <http://www.asce.org/conferences/geofrontiers05/>)

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**Joint Meeting at the Pan American Conference in Cambridge, Massachusetts,
June 23, 2003 from 7:30 to 11:30 pm**

On the MIT campus (check at conference registration desk for exact location)

<http://soilrock.mit.edu/>

Chair person: Jean-Louis Briaud (briaud@tamu.edu)

Secretary: Giovanna Biscontin (gbiscontin@tamu.edu)

Membership: Beatrice Hunt (bhunt@hardesty-hanover.com)

AGENDA

1. Opening Remarks	10 min	Briaud, Van Impe
2. Membership	20 min	Hunt, Van Impe
3. Relation with other groups	15 min	Hunt, Van Impe
4. Sub Committees	30 min	All, Annandale, Blight, Chiew
5. Web Site	15 min	Biscontin, Briaud
6. Sessions at conferences	30 min	All, Van Impe
7. Break	10 min	
8. Conferences	30 min	All, Bowers, Sor
9. Short courses	15 min	All, Bowers, Sor
10. Publications	15 min	All, Hunt, Bowers, Sor
11. Awards	20 min	All, Bowers, Sor
12. Other business	15 min	All
13. Next meeting	5 minutes	All