

ISSMGE TIME CAPSULE 2022

Technical Committees'
contribution

May/ June 2021 update Rev2



Meeting Agenda:

- Icebreaker (10 minutes)
- The work of the TCP Design team (5 minutes)
- Presentation on TC contributions (20 minutes)
- Q&A session (25 minutes)

TCP DESIGN TEAM



Ceres
Chung



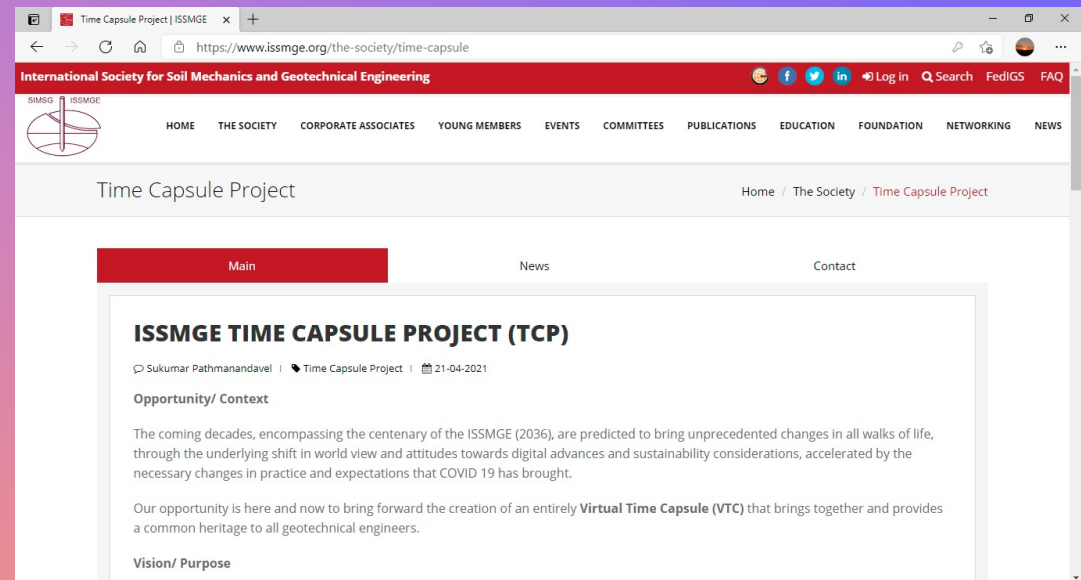
Charles
MacRobert



Emilio
Bilotta



Sukumar
Pathmanandavel

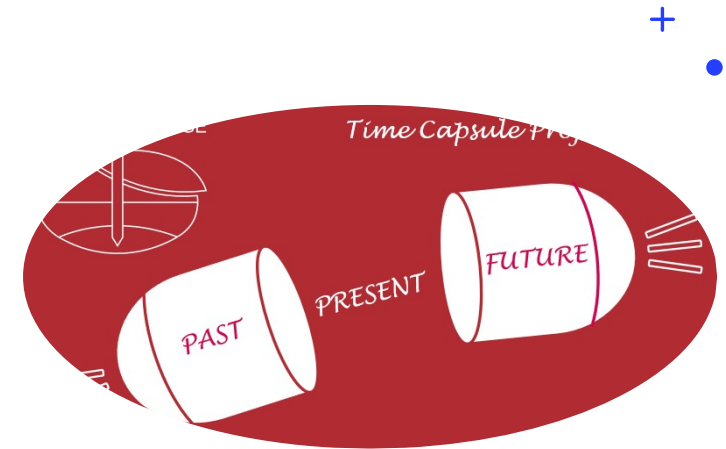


Introduction

This is an outline presentation about connecting and interacting with **individual members** of the ISSMGE all around the world about the work of the ISSMGE – **past, present and future**.

The **ISSMGE Time Capsule 2022** has been conceived to help achieve this aim.

We outline our thinking, approach and current status in this presentation, with the focus on the technical committees' contribution.



ISSMGE individual members



Graph courtesy of Prof Pedro Pinto, Past President 2009 - 2013

- Post World War 2 – a close community of geotechnical practitioners
- This was followed by an extended period of landmark geotechnical conferences
- The ISSMGE individual member number increased from ~18,000 in 2009 to just over 21,000 in 2019
- Critically, **in the past decade**, ways of working and communicating has undergone major changes as a result of the internet, Google, YouTube, webinars, and access to a multiplicity of conferences

Many paths to communicating with individual members already exist

- Web site/ App
- Library (open source)
- Bulletin
- Geoworld
- Virtual University
- **Technical Committees**
- Member Societies
- Young Members (YMPG)
- Corporate Associates (CAPG)
- Time Capsule blog



ISSMGE affiliated Conferences

- 4 year international
- 4 year regional
- **Individual technical committee**
- Local / sub regional

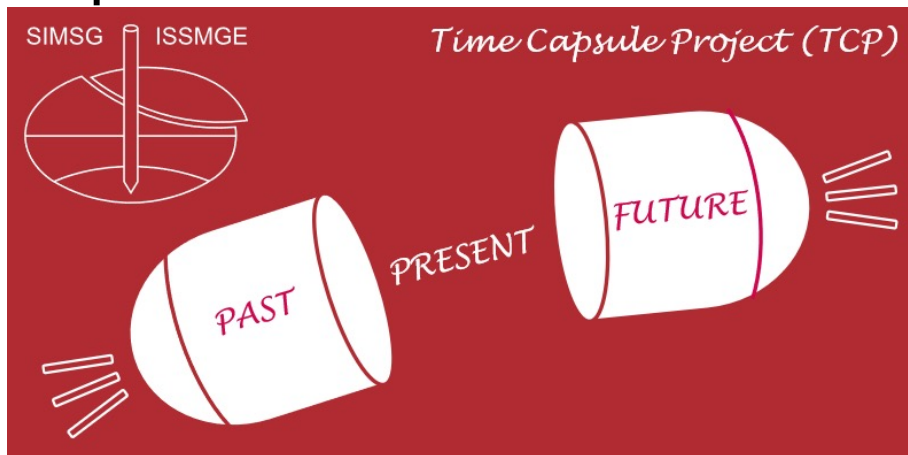
But, individuals have **many sources in addition to the ISSMGE** to acquire information

- Colleagues
- Company intranet
- Internet/ Google/ YouTube
- Suppliers promoted material
- Member societies web site
- Locally prominent and/or ICE/ ASCE websites
- Webinars
- Continuing education
- Other sources

Question and a possible answer

Question How can ISSMGE maintain and strengthen the integrity and timeliness of its **global relevance** in this fast and dynamic environment?

A possible answer



An **important condition** for this answer to be valid is that as many of the **individual members** of the ISSMGE **participate** in the making of the Time Capsule

Key focus – Process & Product

Process

- To connect and interact with **individual members** of the ISSMGE about the work of the ISSMGE – **past, present and future**

Product

- To display and securely store **material** arising from these activities

“The **product** is whatever comes out of the **process** and all such products will find their way into the Time Capsule”

THE TIME CAPSULE

ISSMGE TIME CAPSULE 2022

Material that
reflects/
provides a road
map to the past

PAST

Material that
helps to solve
today's
problems

PRESENT

Material that
raises our eyes
to the future,
and to new
opportunities
and challenges

FUTURE



2022 LAUNCH

Guidelines for Technical Committees

The mission of the TCs is to provide a forum for active participation by the **individual members** of the ISSMGE, and to promote the objectives, activities and results of the TCs throughout the ISSMGE membership.

The TCs are a forum for **discussing, developing and applying specialist geotechnical knowledge** related to the behaviour of geo-materials, geotechnical engineering and engineering for society.

Reference:

GUIDELINES FOR ISSMGE TECHNICAL COMMITTEES AND ISSMGE HONOUR LECTURES (reviewed November 2019)

Technical committees' network

Technical committee

- Fundamentals (101-107)
- Applications (201-221)
- Impact on society (301 – 309)

36 TCs

Nominated and corresponding members

- Between 19 and 78, total 452
- Between 24 and 109, total 1,190
- Between 28 and 91, total 458

2,100 nominated & corresponding members

ISSMGE individual members

- Population at 2019

21,000 individual members

The 36 TC's have ready access to 10% of the ISSMGE individual members

Objectives of Technical Committees

The objectives of a TC are to:

1. Develop and disseminate knowledge and practice within the topic of the TC to the membership of the ISSMGE.
2. Establish guidelines and technical recommendations within the topic of the TC.
3. Assist with technical programs of international and regional conferences organised by the ISSMGE.
4. Interact with industry and overlapping groups working in areas related to the specialist area of the TC.

Reference:

GUIDELINES FOR ISSMGE TECHNICAL COMMITTEES AND ISSMGE HONOUR LECTURES

(reviewed November 2019)

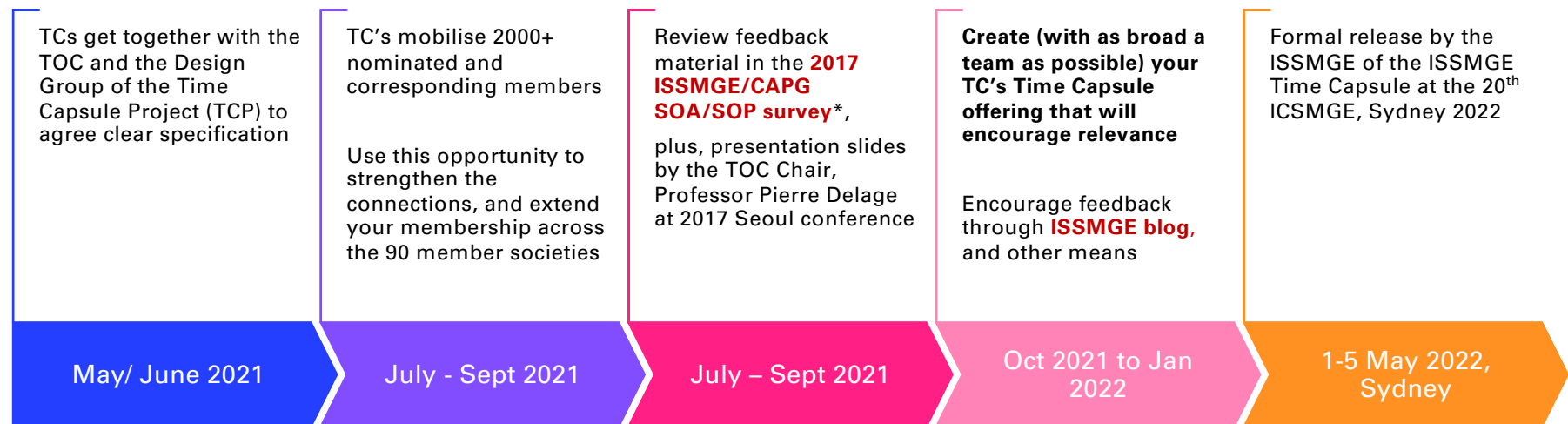
Specification for technical committee contributions – **four ideas**

Do one or more of the following

- **Online and interactive mechanisms** that enable practitioners to access and explore the TC's past, be across the present, and speculate on the future (e.g apps, websites, virtual environments) – Technical Committee Objective 1
- Promote in 2021/2022, **TC guidelines and technical recommendations** that are useful to the practitioner – Technical Committee Objective 2
- Collaborate with the Young members of the ISSMGE by holding **online TC conferences** in Sept/Oct 2021- cross promotion across all TCs and YMPG – Technical Committee Objective 3
- Collaborate with CAPG or other Technical Committees to deliver **something special** for the Sydney 2022 conference – Technical Committee Objective 4
- **Something else**, unique and interesting

YMPG – Young Members
Presidential Group)
CAPG – Corporate Associates
Presidential Group

Timeline to launch



*(most TC's participated in this, with 1,295 responses received, from 68 countries)

USE ISSMGE BLOGS

- **We don't need no education** – Charles John MacRobert (Stellenbosch University)
- **Ethics in Geotechnical Engineering** – Emilio Bilotta (University of Naples Federico II)
- **Mind the Gap: Research and practice** – Ceres Chung (Geotechnical Engineering Office, Hong Kong)
- **Are we witnessing the emergence of the Third Era in Geotechnical Engineering Practice?** – Roger Estephan (Dar) & Grace Abou-Jaoude Estephan (Lebanese American University)

More blogs on the way...

Significant feedback from this blog provided to TC306



New



A GEOTECHNICAL
DISCOVERY **DOWN UNDER**

icsmge2022.org

20th International Conference on Soil Mechanics and Geotechnical Engineering

1-6 May 2022 | ICC Sydney Australia





Fundamentals

Impact on
Society

Applications

SUMMARY

Exploit the **ISSMGE Time Capsule 2022** initiative to strongly connect with **ALL** individual members

Geotechnical engineering, now and in the future, will be better for your efforts

