

Heritage conservation and Digital technologies International Stakeholder Engagement Workshop



Prof. Ing. Luigi Petti
ICORP Expert Member

ICOMOS works for the conservation and protection of cultural heritage places. It is the only global non-government organisation of this kind, which is dedicated to promoting the application of theory, methodology, and scientific techniques to the **conservation of the architectural and archaeological heritage**. Its work is based on the **principles** enshrined in the **1964 International Charter on the Conservation and Restoration of Monuments and Sites** (the Venice Charter).



United Nations
Educational, Scientific and
Cultural Organization

Advisory Bodies

Three international non-governmental or intergovernmental organizations are named in the **Convention** to advise the Committee in its deliberations.



ICOMOS
international council on monuments and sites



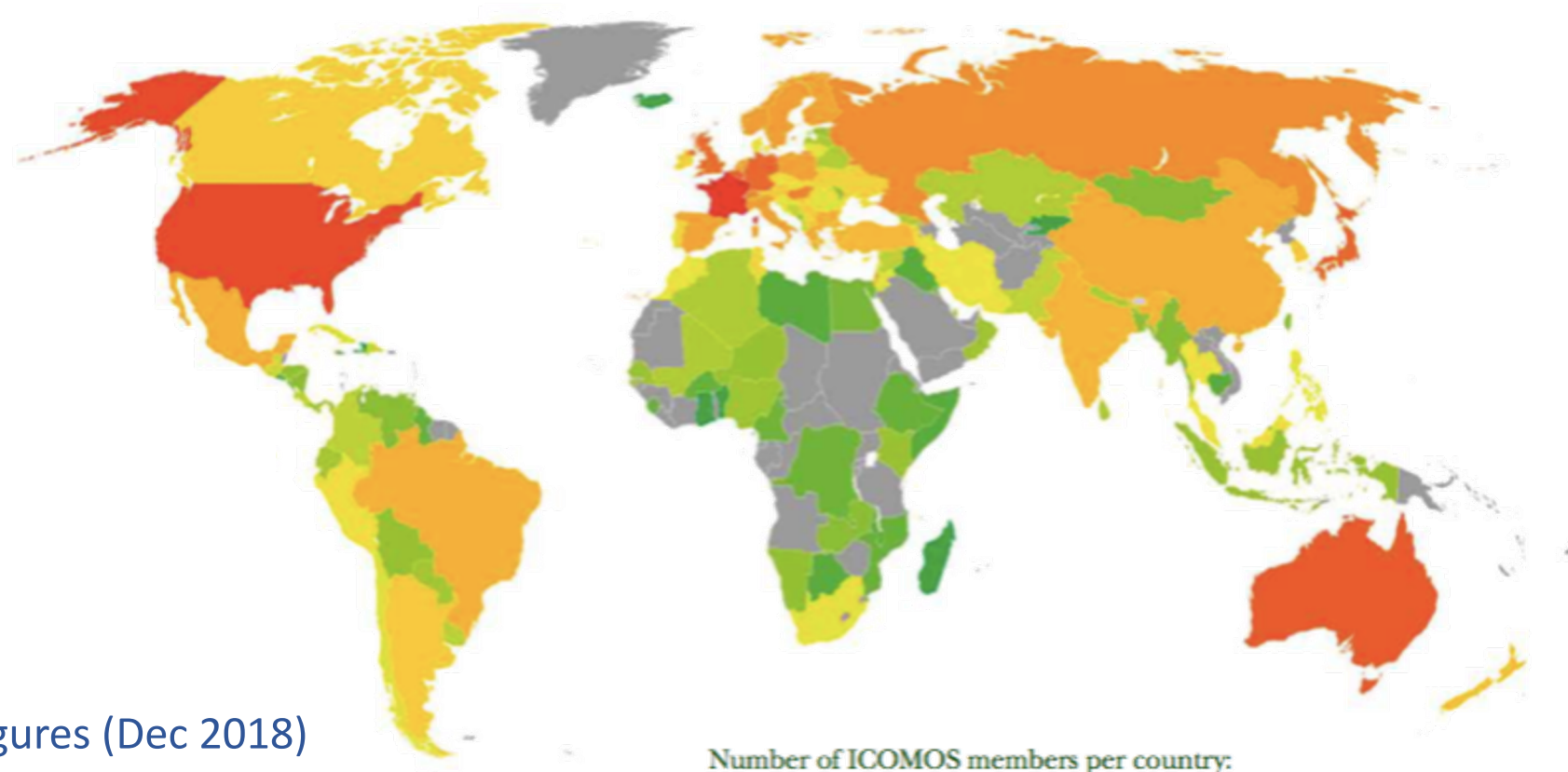
CONVENTION CONCERNING THE PROTECTION OF THE WORLD CULTURAL AND NATURAL HERITAGE

Adopted by the General Conference at its
seventeenth session Paris, 16 november 1972

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ICOMOS facts and figures (Dec 2018)

10 546 Individual Members in 153 countries

271 Institutional Members

107 National Committees

28 International Scientific Committees

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LACE
LABORATORY OF ARCHITECTURE AND CIVIL ENGINEERING



SDGs and ICOMOS action plan



ICOMOS Action Plan:
Cultural Heritage and Localizing the UN
Sustainable Development Goals (SDGs)

July 2017

International Scientific Committees

The International Scientific Committees (**ISCs**) are the vehicles through which ICOMOS brings together, develops and serves its worldwide membership according to fields of specialized interest.

ICOMOS expects the ISCs to be at the heart of scientific inquiry and exchange in their domains and to share knowledge among them to foster a multi-disciplinary approach to heritage protection and management, in fulfillment of the goals of ICOMOS as stated in Article 5.b. of its statutes: “***Gather, study and disseminate information concerning principles, techniques and policies” related to heritage protection.***”

International Scientific Committees

ISCARSAH	Analysis and Restoration of Structures of Architectural Heritage
ICAHM	Archaeological Heritage Management
ISCCL	Cultural Landscapes ICOMOS-IFLA
CIIC	Cultural Routes
ICTC	Cultural Tourism
ISCEAH	Earthen Architectural Heritage
ISCEC	Economics of Conservation
ISCES	Energy and sustainability
IcoFort	Fortifications and Military Heritage
CIPA	Heritage Documentation
CIVVIH	Historic Towns and Villages
ICIP	Interpretation and Presentation of Cultural Heritage Sites
ICICH	Intangible Cultural Heritage
ICLAFI	Legal, Administrative and Financial Issues

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International Scientific Committees

ISCMP	Mural Painting
PRERICO	Places of Religion and Ritual
IPHC	Polar Heritage Committee
ICORP	Risk Preparedness
CAR	Rock Art
ISCSBH	Shared Built Heritage
ISCV	Stained Glass
ISCS	Stone
Theophilos	Theory and Philosophy of Conservation and Restoration
CIF	Training
ICUCH	Underwater Cultural Heritage
CIIV	Vernacular Architecture
IWC	Wood
ISC20C	20th Century Heritage

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THEME	SDG	ISC
Climate Change	13 (13.1, 13.2)	ISCES+CC (lead), CAR, IPHC, ISCCL-IFLA
Cultural Tourism	8 (8.9), 12 (12b), 14 (14.1, 14.7), 15	ICTC
Culture and Nature	15 (biodiversity), 16	ISCCL-IFLA, ISCES+CC, W&H*
Disasters	11 (11.4, 11.5, 11.9), 13 (13.1, 13.2)	ICORP, ICLAFI, ISCCL-IFLA
Economic Growth, Job Creation and Consumption & Production	8 (all targets), 12 (12b)	ISCEC (lead), ICLAFI, ICTC, ISCCL-IFLA
Education	4	CIF, ICICH
Energy	7 (7.3), 10, 11	ISCES+CC, ISCARSAH
Human Settlements <ul style="list-style-type: none"> Urban settlements (metropolises, intermediary cities, small settlements) Landscapes (cultural landscapes, rural/ agricultural landscapes) Parks 	<ul style="list-style-type: none"> 11 (11.4- heritage [focus], 11.1- housing, 11.2- transport, 11.3- urbanization/planning, 11.5- disasters, 11.6- environmental impact of cities, 11.7- green/public spaces, 11.a- urban-rural links, 11.b- resilience/ disaster risk management, 11.c- least developed countries) 1, 2, 6, 8, 12, 15 	CIVVIH (lead), CIAV, CIIC, CIVVIH, ICORP, ISC20C, ISCCL-IFLA, ISCSBH, Theophilos, ICICH
Inclusive and Peaceful Societies <ul style="list-style-type: none"> Participation and Partnership Rights-Based Approaches 	5, 10, 16, 17	RBA Working group, ICICH, ISCSBH + All ISCs (transversal)
Water	6, 14	ISCES+CC, ICUCH, W&H *

*: New ISC on Water in formation

SDGs & ICOMOS on going activities



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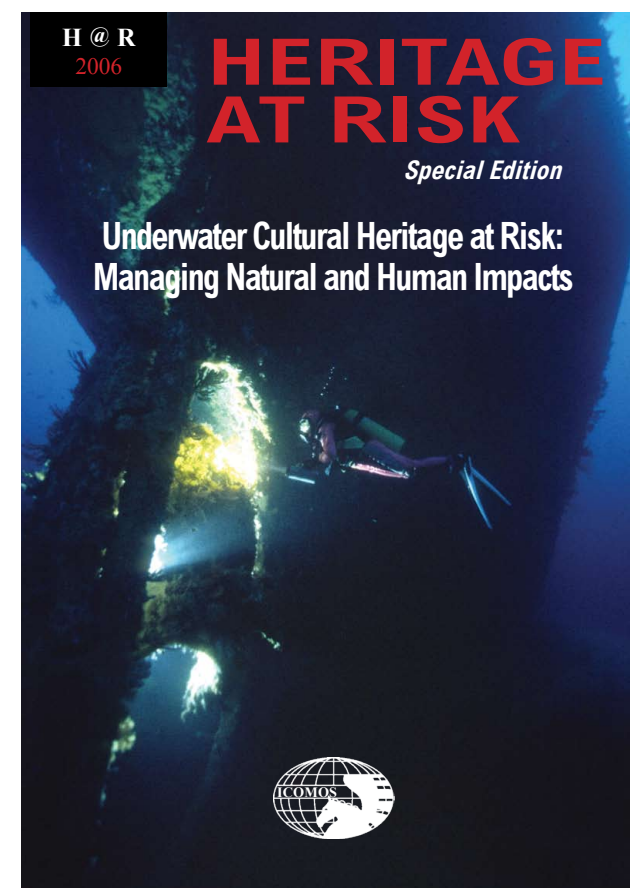
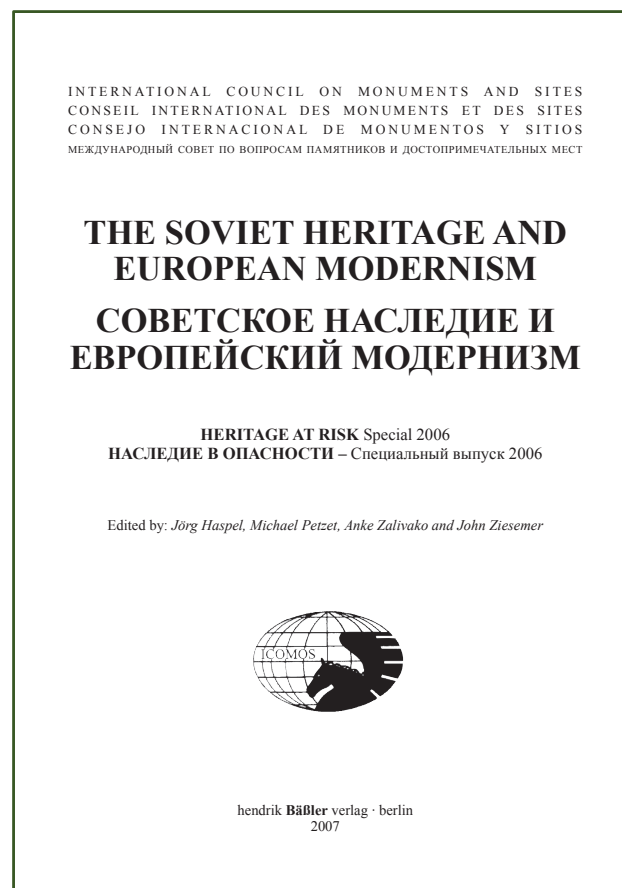
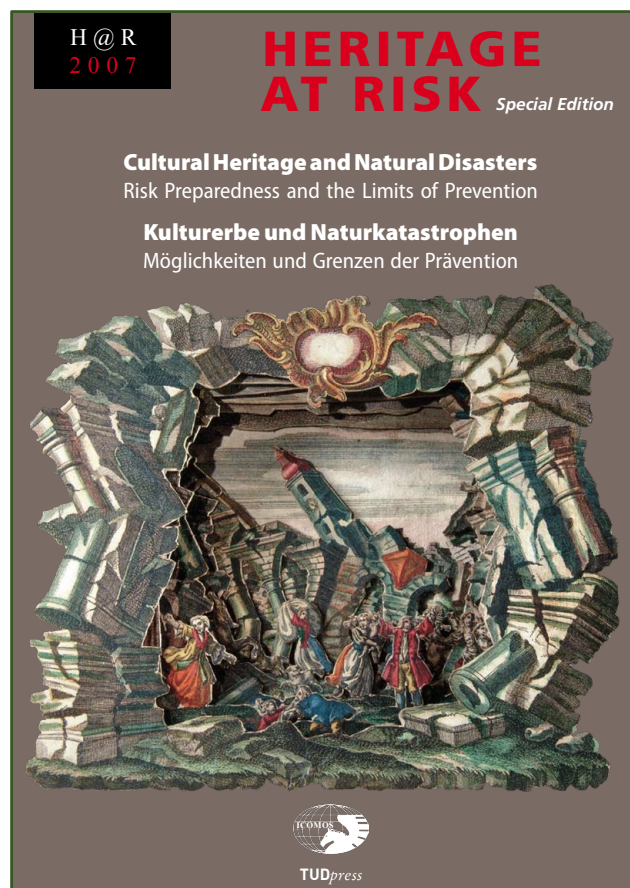


ICORP ISC

The ICOMOS *Committee on Risk Preparedness* (**ICORP**), along with ICCROM and the World Heritage Center, worked closely to see that cultural heritage considerations – both ways to reduce the risk to heritage from natural disasters but also how heritage, including the embedded environmental knowledge in cultural heritage, is a source of disaster risk reduction and increasing the resilience of local communities. As a result, the Sendai Framework represents a successful model within the Agenda 2030 for addressing culture and heritage that must be closely linked to Habitat III, the SDGs and COP21.

ICORP ISC

Line Guides, Book, ...

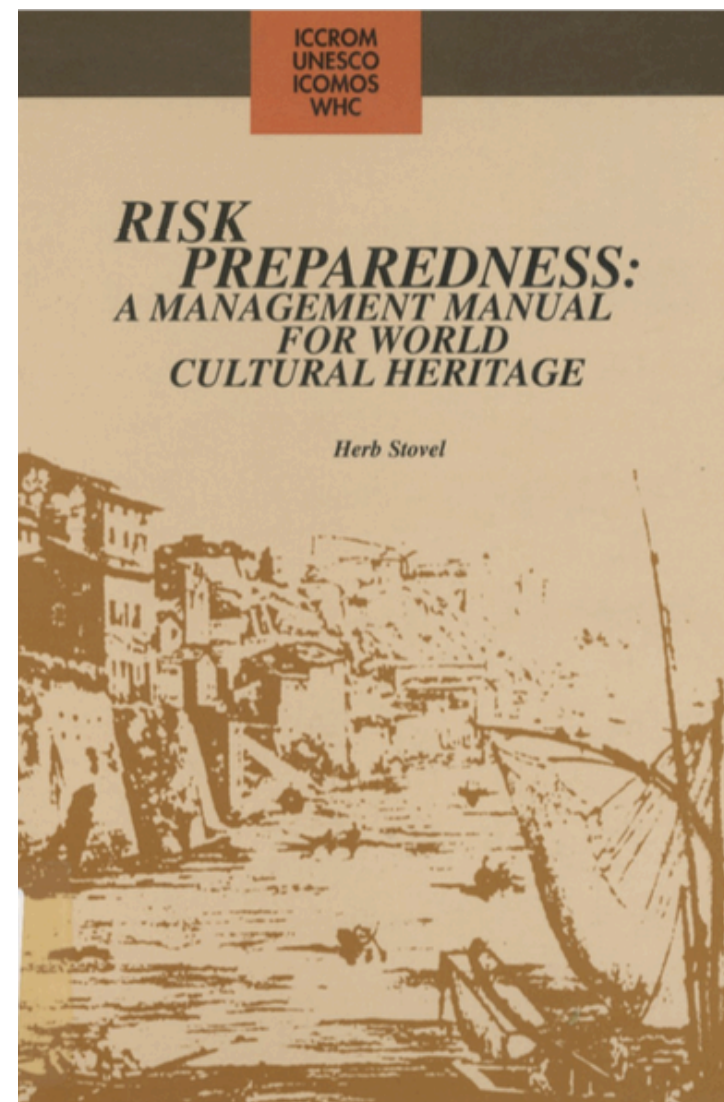


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ICCROM-ICOMOS-UNESCO Rome, 1999



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**Sendai Framework
for Disaster Risk Reduction
2015 - 2030**



The **Sendai Framework for Disaster Risk Reduction 2015-2030** was adopted at the Third UN World Conference in Sendai, Japan, on March 18, 2015.

It is the outcome of stakeholder consultations initiated in March 2012 and inter-governmental negotiations from July 2014 to March 2015, supported by the United Nations Office for Disaster Risk Reduction at the request of the UN General Assembly.

ICORP ISC *On site activities*



Following post-earthquake reconnaissance mission to Nepal, ICOMOS along with ICCROM, ICOM and the Smithsonian Institution and the Department of Archaeology, Government of Nepal in close cooperation with UNESCO Kathmandu office, recently organized an initiative for “First Aid to Nepalese Cultural Heritage for Recovery and Risk Reduction” from 8th to 24th June 2015. The initiative composed of two main workshops aimed at building the capacity of Nepalese institutions, professionals and other stakeholders such as Army and Police to undertake salvage, handling and storage of heritage fragments and museum collections and emergency stabilisation of heritage structures damaged by recent earthquakes.

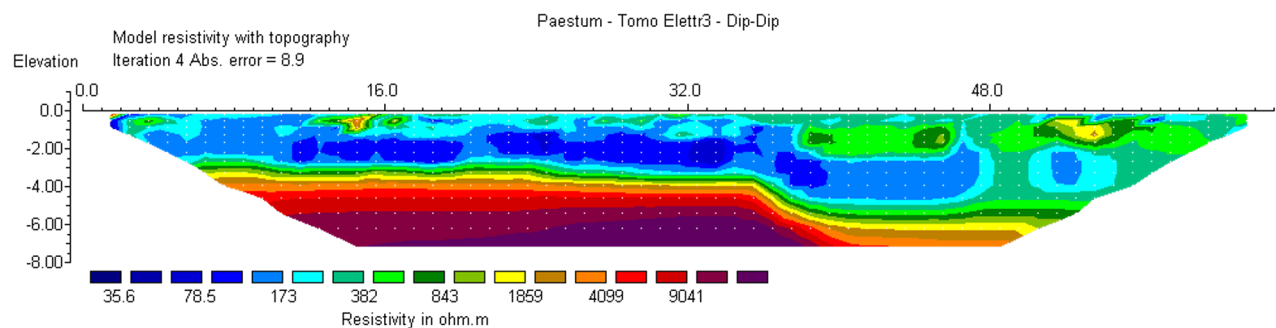
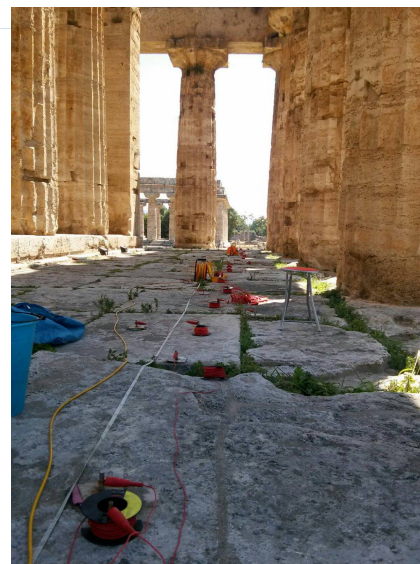
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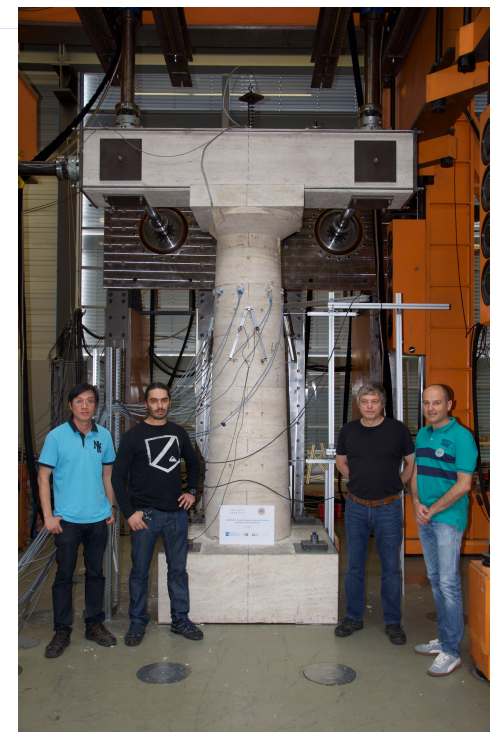


ICORP ISC

Research Activities

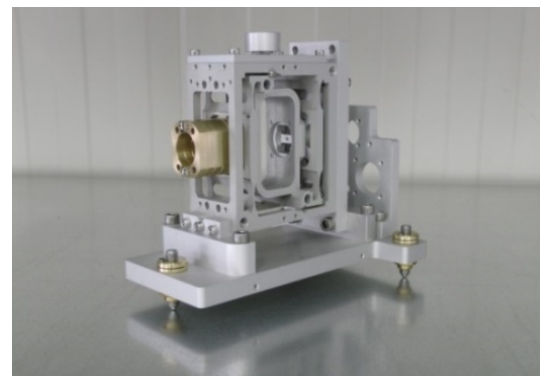
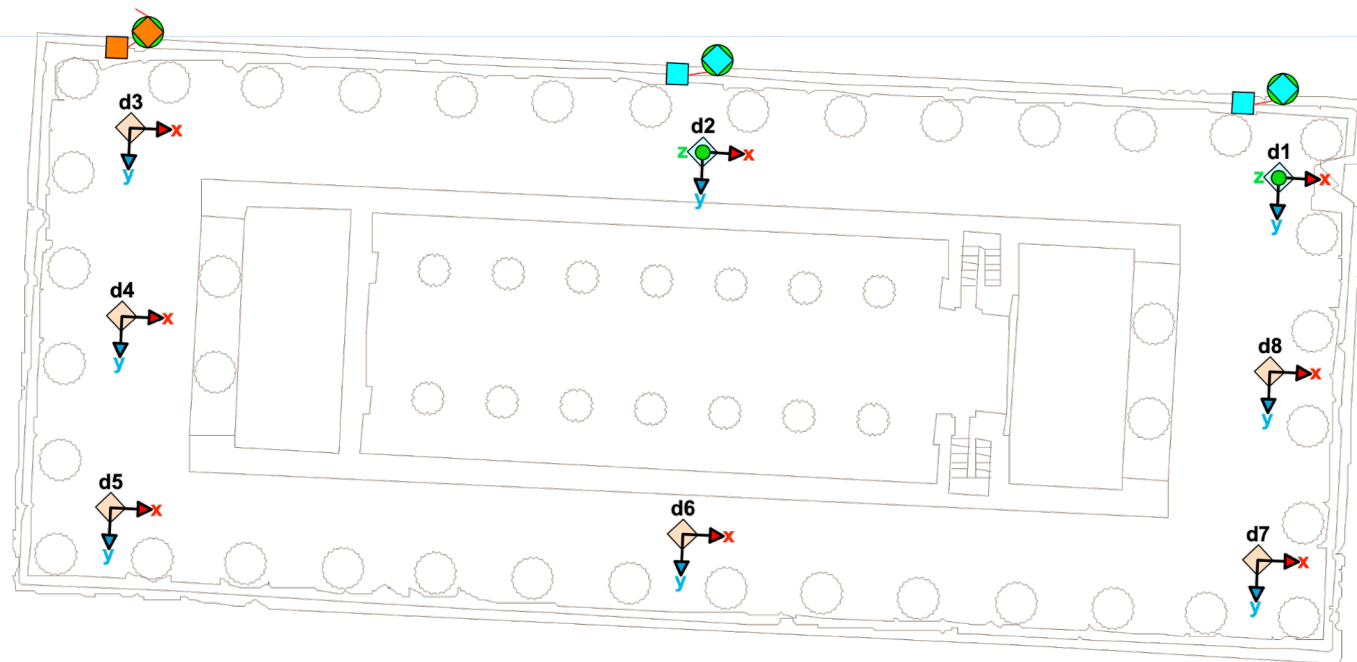


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Vertical exaggeration in model section display = 1.00
First electrode is located at 0.0 m.
Last electrode is located at 63.0 m.



ICORP ISC

Research Activities



Goal

Prevent new and reduce existing disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus strengthen resilience.

(Sendai Framework for Disaster Risk Reduction)

Thanks

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