

## **EMSEV business meeting minutes**

Date and time: October 8, 2024, 17-18pm.

Venue: The GREAT ARSENAL, Chania, Crete, Greece

### **Attendees:**

Pier Francesco Biagi (Italy), Jacques Zlotnicki (France), Ramesh Singh (USA), Sergey Pulinets (Russia), Jann-Yenq Liu (Taiwan), Katsumi Hattori (Japan), Dimitar Ouzounov (USA), Valerio Tramutoli (Italy), Qinghua Huang (China), Nicholas Sarlis (Greece), Vincenzo Lapenna (Italy), Filippos Vallianatos (Greece), Toshiyasu Nagao (Japan)

First, Toshiyasu Nagao (EMSEV chair) gave the opening address.

### **1) EMSEV 2026**

The first item on the agenda was a discussion about the venue for EMSEV 2026. As of the end of September 2024, the only candidate site was Kumamoto in Japan. Nagao, the committee's representative, explained the significance of hosting the event in Kumamoto and reported that the event is scheduled to be held at the end of August 2026.

It was unanimously approved that the next event will be held in Kumamoto, Japan.

In addition, in light of the recent progress in AI, it was proposed to hold an AI-related session in Kumamoto.

### **2) Restructuring of the EMSEV Bureau**

Initially, discussions were held about who would be the executive members for the next two years, and it was approved that the current executive structure would continue until the next EMSEV in 2026.

More than 20 years have passed since EMSEV was established, and there is also an aim to rejuvenate the bureau members, so first of all, it was approved that the following people would be appointed as new bureau members. In addition, new bureau members were also selected, considering regional distributions.

Ching-Chou FU (Taiwan)

Nicola PERGOLA (Italy)

Xuhui SHEN (China)

Peng HANG (China)

Elvira ASTAFYEVA (France)

Francisco CERVANTES-DE-LA-TORRE (Mexico)

Qinghua Huang was also approved as the vice-chair, following Valerio Tramutoli. In terms of division of roles, Tramutoli will mainly be in charge of satellite observations, while Huang will be in charge of ground observations.

Furthermore, considering regional and gender balance, Pulinets pointed out that Dr. Aleksandra Nina

from Serbia will also be an important candidate of EMSEV bureau in the future. She is very active and working in the same area as Pier Francesco Biagi.

### **3) EMSEV-related session proposals**

We have already proposed two sessions for the 2025 IAGA-IASPEI in Portugal. We will continue to actively propose sessions to not only IUGG-related assembly but also AOGS, EGU, JpGU, AGU, etc.

### **4) Nurturing young researchers**

As a first attempt, EMSEV2024 held a two-day school for young researchers before the assembly, entitled “Advances in Space and Ground base studies of Earthquakes and Volcanoes. New Concepts” with participants from Poland, Greece, Italy, and Japan.

It was also approved to proceed with plans to conduct a similar attempt at the next EGU.

### **5) Others**

The Young Researcher Award was presented to Dr. Tanaka of Kyoto University and Ms. Babu (University of Trento, Italy and Bruno Kessler Foundation, Trento, Italy, undergraduate) at EMSEV2024, and each was awarded a cash prize equivalent to \$200.

Tanaka, H. (O04), Dr., Kyoto University, Japan.

Detection of comparable local crustal deformation anomaly preceding the 2011 Tohoku-Oki Earthquake with existing reported ionospheric TEC anomalies.

Babu M., (O18), University of Trento, Trento, Italy and Bruno Kessler Foundation, Trento, Italy  
Machine learning for detecting time-transient phenomena in the ionosphere and correlation with seismo-induced events.

Discussed about the special issue of EMSEV2024.

At this moment, Vallianatos is contacting to Annals of Geophysics for the special issue.

Regarding the gender issue, actively promote the addition of women scientists as EMSEV members in each region. East Asia, North and South America, Europe, Africa, India, etc.