



**ICT Virtual Organization of ASEAN Institutes and  
NICT  
(ASEAN IVO)**

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**PEP-Star: A Performance Enhancing Proxy for Low Earth Orbit Satellite  
Communications in Disaster-Resilient ASEAN Network Infrastructure  
KICK-OFF MEETING  
Report/Minutes Form**

**I. Organizer:**

Name:	Muhammad Niswar
Position:	Professor
Institution:	Universitas Hasanuddin

**II. Program:**

Date: 29-30 January 2026

Venue: Ubiquitous Computing and Networking Laboratory, Department of Informatics,  
Faculty of Engineering, Universitas Hasanuddin, INDONESIA

**Program Agenda:**

**Day-1 (29 January 2026): Kick-off meeting**

- 09:00-10:00     Introductory Session
- Open Remark (PIC: Dr. Chong) (5 min)
  - Welcome – ASEAN IVO project execution guideline – Dr. Hiroshi Emoto, NICT (Online) (20 min)
  - Round table of the partner representatives: brief presentation of organization (5 slides max), personal introduction (7 partners, 5 min per organization, 35 min max in total)
- 10:00-10:15     Coffee/Tea Break
- 10:15-12:00     Project overview: Objectives, activities, expected results (Dr.Chong)
- 12:00-13:00     Lunch Break
- 13:00-15:00     Research methodology
- Briefing on milestones, deliverables, tasks, timetable
  - Discussion on data collection methods, tools, & techniques
- 15:00-15:30     Coffee/Tea Break



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- 15:30-17:00 Project Management (Dr.Chong)
- Collaborative research and development agreement
  - Workplan – main milestones for the next 6-9 months
  - Wrap up and conclusion of the meeting

17.00 End of meeting.

### **Day-2 (30 January 2026): Workshop**

09:00-10:00 Workshop: Disaster Management and Community Resilience (Dr. Ilham Alimuddin, UNHAS)

10:00-10:30. Coffee Break

10:30-11:30 Workshop: Disaster Risk Mapping: Establishing Indonesian Disaster Database (Dr. Adi Maulana, UNHAS)

11:30-12:00 Workshop: Tackling Packet Loss in Satellite Networks for Disaster-resilient ASEAN Infrastructure (Yung-Wey Chong, Universiti Sains Malaysia)

12:00-13:00 Closing and Lunch

### **III. Participants:**

#### **Day 1 (29<sup>th</sup> January 2026)**

No.	Name	Organization
1	Yung-Wey Chong	USM
2	Nurulfaizal M. Shukeri	USM
3	Khamsaone Chouramany	NUOL
4	Sotsay Sengvong	NUOL
5	Rahmad Dawood	USK
6	Sayed Muchallil	USK
7	Fazli SKM. M. Kes	BPBA
8	Sye Loong Keoh	UGS
9	Muhammad Niswar	UNHAS
10	Amil Ahmad Ilham	UNHAS
11	AdyWahyudi Paundu	UNHAS
12	Novy Nur R.A.Mokobombang	UNHAS
13	Zulkifli Tahir	UNHAS
14	Raden Arief Setyawan	UB
15	Achmad Basuki	UB



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**Day 2 (30<sup>th</sup> January 2026)**

No.	Name	Organization
1	Dr. Ilham Alimuddin	Center for Disaster Studies UNHAS
2	Sesa Wiguna S.Si. M.Sc	BPBD South Sulawesi
3	Yung-Wey Chong	USM
4	Nurulfaizal	USM
5	Khamsaone Chouramany	NUOL
6	Sotsay Sengvong	NUOL
7	Rahmad Dawood	USK
8	Sayed Muchallil	USK
9	Fazli SKM. M. Kes	BPBA
10	Sye Loong Keoh	UGS
11	Muhammad Niswar	UNHAS
12	Amil Ahmad Ilham	UNHAS
13	AdyWahyudi Paundu	UNHAS
14	Novy Nur R.A.Mokobombang	UNHAS
15	Zulkifli Tahir	UNHAS
16	Raden Arief Setyawan	UB
17	Achmad Basuki	UB
18	Tyanita Puti Marindah W	UNHAS
19	Indrabayu	UNHAS
20	Muhammad Alief Fahdal Imran Oemar	UNHAS
21	Muhammad Abdillah Rahmat	UNHAS
22	Muhammad Aryandi	UNHAS
23	Lizza	UNHAS
24	Admiral Zuhdi	UNHAS
25	Alvin Octaviono A.	UNHAS
26	Andi Siti Aisyah Amin	UNHAS
27	Putri Fajar Ramadhan	UNHAS
28	Khaerunnisa Nur Mutamainna	UNHAS
29	Pyta Nur Chumairah	UNHAS
30	Janu Adwiyanto	UNHAS
31	Shablila Nuramaliah Poetry	UNHAS
32	Nur Iman Saleh Djamal	UNHAS
33	Andi Ghaniyatera	UNHAS
34	Adi Maulana	UNHAS

#### **IV. Summary of the activities corresponding to the objectives.**

- 1. Briefly describe the objectives of the event.*
- 2. Describe the activities corresponding to the objectives.*
- 3. Describe, in detail, if there are changes in the work plan, project schedule, budget allocation, etc. from the initial proposal.*



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The PEP-Star Project Kick-off Meeting was held to officially launch the project by bringing together key stakeholders to align on project objectives, scope, and timelines. The meeting introduced the project team, reviewed the project's goals and technical requirements, and established a collaborative framework to ensure successful implementation.

### **2. Meeting Highlights**

Key discussion points during the kick-off meeting included:

- Project milestones and timelines
- Roles and responsibilities of project partners
- Resource allocation and management

These discussions set the stage for effective project execution and progress towards enabling reliable satellite communication for disaster management across ASEAN regions.

### **3. Workshop on Disaster Management and Resilient Networks**

Following the kick-off meeting, a half-day workshop on Disaster Management and Resilient Networks was conducted. Dr Ilham Alimuddin and Prof Adi Maulana provided participants with insights into disaster management and community resilience network infrastructure resilience, which are central to the PEP-Star project's objectives.

The workshop began with an overview of the regional tectonic setting, highlighting that tectonic plates in the area are moving at approximately 8cm per year. This movement raises critical questions about the potential for megaquakes and other large-scale natural disasters in the region.

Discussions focused on preparation and planning efforts in Sulawesi, a region identified as prone to megaquakes. Key points included:

- Earthquake mitigation proposals: Deployment of sensors in strategic locations to enable continuous monitoring and prediction capabilities. Participants discussed mapping priority areas for early warning system implementation.
- Community awareness initiatives: Low awareness among the general population was identified as a significant challenge. Mitigation plans include governor-level policies to introduce disaster management subjects in high schools and primary schools, as well as the implementation of earthquake drills.

Given the frequency of landslides in the region, participants discussed government measures to address this hazard, including monitoring systems and preventive infrastructure.

**V. Others.**



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