



International Committee on  
Global Navigation Satellite Systems

**Fourteenth Meeting of the International Committee on  
Global Navigation Satellite Systems (ICG)**

**Meeting of the Working Group C on  
Information Dissemination and Capacity Building**

**10 - 12 December 2019  
Bangalore, India**

**AGENDA**

<b>Tuesday, 10 December</b>	
<b>09:00</b>	<b>WG C – Information Dissemination and Capacity Building</b>
	<i>Co- Chairs: Sharafat GADIMOVA, United Nations Office for Outer Space Affairs and Rajat ACHARYA, CSSTE-AP, India</i>
<b>09:00</b>	<b>Opening remarks and approval of the agenda</b>
<b>09:15</b>	<b>Presentations</b>
09:15	Debriefing on ESA/JRX International GNSS Summer School, <i>Javier VENTURA-TRAVESSET, European Space Agency</i>
09:35	GNSS Education Activities, <i>Dinesh MANANDHAR, Japan</i>
09:55	Update of GNSS/BDS International Education and Capacity Building, <i>Dongkai YANG, Beihang University, China</i>
10:15	GNSS Courses for CSSTE-AP (affiliated to the United Nations): An Update, <i>Rajat ACHARYA, Indian Space Research Organization, India</i>

10:35	Capacity Building for GNSS in Academia, Industry and Research Institutes in India, <i>Atul SHUKLA, Indian Space Research Organization, India</i>
11:00 – 11:20	<i>Coffee/Tea break</i>
<b>11:20</b>	<b>Presentations (continued)</b>
11:20	NavIC Outreach and Information Dissemination Activities, <i>Manish SAXENA, Indian Space Research Organization, India</i>
11:40	The Galileo Hackathon in Bangalore, <i>Pieter DE SMET, European Commission</i>
11:50	Academic GNSS related Research & Development and Curricula in the European Union, <i>Pieter DE SMET, European Commission</i>
12:00	Brief overview of the activities carried out in 2019 and to be carried out in 2020 in the framework of the ICG workplan, <i>Sharafat GADIMOVA, Office for Outer Space Affairs</i>
12:20	Outcomes of the 2 <sup>nd</sup> ESA-Galileo App Competition, <i>Nityaporn SIRIKAN and Rafael Lucas RODRIGUEZ, European Space Agency (via Skype)</i>
<b>12:40</b>	<b>Joint Session (Working Groups C and D): Applications, Capacity Building and Education</b>
12:40	UNGGIM Subcommittee on Geodesy, Working Group on Education, Training and Capacity Building, <i>Mikael LILJE, Fédération International des Géomètres (FIG) and Ms. Allison CRADDOCK, International GNSS Service (IGS) - - to be presented at the WGs joint meeting</i>
13:00 – 14:00	<i>Lunch break</i>
<b>14:00</b>	<b>Joint Session (Working Groups C and D): Applications, Capacity Building and Education (continued)</b>
14:00	Advocacy and accomplishments in support of GNSS enhanced tsunami early warning systems, <i>John LABRECQUE and Allison CRADDOK, United States</i>
14:20	Crustal deformation studies using GAGAN data, <i>P.S. SUNIL, India</i>

14:40	Geodetic contributions to disaster risk reduction, <i>John DAWSON, Australia</i>
15:00	Geodesy in support of Disaster Risk Reduction, Response and Recovery: Kaikoura Earthquake a case study, <i>Graeme BLICK, New Zealand</i>
15:20 – 16:00	<i>Discussions</i>
16:00 – 16:20	<i>Coffee/Tea break</i>
<b>16:20 – 17:00</b>	<b>Review of workplan actions and discussions on the way forward</b> <ul style="list-style-type: none"> <li>▪ <i>Training for Capacity Building in Developing Countries</i></li> <li>▪ <i>Promoting the Use of GNSS Technologies as Tools for Scientific Applications and Space Weather</i></li> <li>▪ <i>Regional Workshops on Applications of GNSS</i></li> <li>▪ <i>Information Dissemination</i></li> </ul>
<b>17:00 – 18:00</b>	<b>Discussions:</b> <i>Proposals for conclusions and recommendations for the ICG consideration</i>
<b>18:00</b>	<b>Adjourn</b>
<b>Wednesday, 11 December</b>	
<b>09:00 – 11:00</b>	<b>Review of workplan actions and discussions on the way forward (continued)</b>
11:00 – 11:20	<i>Coffee/Tea Break</i>
<b>11:20 – 13:00</b>	<b>Review of workplan actions and discussions on the way forward (continued)</b>
13:00 – 14:00	<i>Lunch Break</i>
<b>14:00 – 18:00</b>	<b>Technical Tour:</b> <i>Visit to "Karnataka Chitrakala Parishath"</i>
<b>Thursday, 12 December</b>	
09:00 – 11:00	Prepare conclusions and draft recommendations for the ICG consideration to be presented at the second plenary session of the ICG
11:00 – 11:20	<i>Coffee/Tea Break</i>
<b>11:20</b>	<b>Second Plenary Session of the ICG</b>