

## 2018 Brief Reporting for IUGS Constituent Bodies

<b>Country/Region</b>	
Name IUGS Adhering Organization	Task Group on Geohazards
Primary contact last/family name	Okubo
Primary contact first/given name	Yasukuni
Primary contact Email	Oubo-Yasukuni@jspacesystems.or.jp
If existing, name National Ctte/group appointed to deal with IUGS Matters	Science Council of Japan
NC primary contact last/family name	Okubo
NC primary contact first/given name	Yasukuni
NC primary contact Email	Oubo-Yasukuni@jspacesystems.or.jp
Number of people in IUGS NC or group appointed to deal with IUGS matters	6
Number of meetings of group held during the year on IUGS matters	7
If existing, provide url of webpage dedicated to reporting on IUGS activities	<a href="http://iugstgg.lab.irides.tohoku.ac.jp/wp/">http://iugstgg.lab.irides.tohoku.ac.jp/wp/</a>

### General Comments Requested

Notable activities in the past one year	<ol style="list-style-type: none"> <li>1. Participation in the Workshop of Korean Active Faults R&amp;D Project in Gyeongju, Korea, March 15th - 18th 2018</li> <li>2. Visit to the Institute for Volcanology and Risk Assessment (IVAR), Azores, Portugal, July 11, 2018</li> <li>3. Organization of the session entitled “Convergent Margin Geohazards and Geodisasters” on 20th June 2018 at RFG2018 in Vancouver</li> <li>4. Participation in the Taiwan-Korea-Japan Joint Symposium, Taichung City, Taiwan, 3-4 October 2018</li> <li>5. Organization of the seminar on 30th October 2018 in Busan, Korea, at the 54th CCOP Annual Session</li> <li>6. Organization of the IUGS-SCJ-IRIDeS Geohazard Symposium in Sendai and field excursion around Sendai Plains 13-14 Nov., 2018</li> <li>7. Proposal of Special volume on Geological Society of London Special Publication</li> </ol>
Achievements attained	<ol style="list-style-type: none"> <li>1. Workshop of Korean Active Faults R&amp;D Project The Korean government launched a new project to compile the national active fault map. Under the project, the workshop of Korean Active Faults R&amp;D Project was held during March 15th - 18th 2018 in Gyeongju. The workshop was aimed at collaboration with Japan, Taiwan and Vietnam to share their experiences. The author participated in the in-house discussion during 15th-16th and field excursion during 17th – 18th March. Travel expenses and accommodation fees of TGG were shouldered by the budget source of Korea.</li> <li>2. Visit to IVAR Antonio Correia, vice-chair of TGG, participated in the 10th Portuguese National Geologic in Azores and visited IVAR. The meeting with the director of IVAR, Dr. José Pacheco and the director of CIVISA, Dr. Rui Marques discussed the possibility of organizing an international meeting in Azores in 2020 about geohazards. Travel expenses and accommodation fees of TGG were shouldered by the budget source of Antonio Correia.</li> <li>3. Geohazards session at RFG TGG organized the session entitled “Convergent Margin Geohazards and Geodisasters: Present Understanding, Mitigation, and Long and Short Term Preparedness” on 20th June, 2018 at RFG2018 held in Vancouver. Nine papers from Japan, Thailand, India, Canada and USA were presented. Approx. 20 people attended this session and discussed geohazard research and disaster risk reduction. Travel expenses and accommodation fees of TGG were shouldered by self expenses.</li> <li>4. Taiwan-Korea-Japan Joint Symposium The Taiwan-Korea-Japan Joint Symposium was held during 3-4 October 2018. A preliminary field excursion was conducted on the morning of 3rd October at the 921 Earthquake Museum, Taichung City, Taiwan. In the afternoon, six invited speakers presented papers on geohazards at the opening session. The next day oral</li> </ol>

## 2018 Brief Reporting for IUGS Constituent Bodies

	<p>presentations and poster presentations were held at the Chelungpu Earthquake Preservation Park about 40 km away to the south from Taichung. The number of participants was about 80 from three countries and USA. The numbers of oral and poster presentations were 22 and 34, respectively. TGG announced the call for paper for special volume on geological society of London Special Publication.</p> <p>5. Seminar at the 54th CCOP Annual Session TGG organized the seminar on geohazards 30th October 2018 at the 54th CCOP Annual Session in Busan, Korea. Seven papers from Finland, Japan, Korea, Myanmar, Thailand and Vietnam were presented. The papers have been uploaded on the TGG website. <a href="http://iugstgg.lab.irides.tohoku.ac.jp/archives/228">http://iugstgg.lab.irides.tohoku.ac.jp/archives/228</a> Approx. 20 people from the CCOP member countries and the cooperating countries and organizations attended this seminar and discussed geohazard research and disaster risk reduction. TGG announced the call for paper for special volume on geological society of London Special Publication.</p> <p>6. IUGS-SCJ-IRIDeS Geohazard Symposium in Sendai TGG supported organization of the IUGS-SCJ-IRIDeS Geohazard Symposium in Sendai and field excursion around Sendai Plains 13-14 Nov., 2018. Approx. 30 people from IUGS, SCJ and IRIDeS attended the seminar and discussed geological investigation of tsunami, disaster mitigation research, activities of TGG and geohazards risk sciences. Dr. Kazuhisa Goto guided the field excursion and introduced tsunami events. Travel expenses and accommodation fees of TGG were shouldered by SCJ.</p> <p>7. Special volume on Geological Society of London Special Publication TGG proposed a special volume entitled “Global and Societal Impact of Seismic and Tsunamic Events “. This aims to archive the global memories that researchers experienced and promote international communication on geohazards. 30 papers have been nominated from Indonesia, Italy, Japan, Korea, Myanmar, Portugal, Singapore, Sri Lanka, Thailand, Turkey and USA.</p> <p>*** At 36<sup>th</sup> IGC Workshop entitled “Research works on geohazards and challenges toward international standardization of survey technologies”</p>																														
Use of money allocated in 2017	<table border="1"> <thead> <tr> <th>Date</th> <th>Cost(JPY)</th> <th>Income list</th> </tr> </thead> <tbody> <tr> <td></td> <td>26406</td> <td>Carried over from 2017</td> </tr> <tr> <td>23rd April</td> <td>747880</td> <td>Total credit in JPY</td> </tr> <tr> <td>11th August</td> <td>1</td> <td>interest</td> </tr> <tr> <td></td> <td><b>774287</b></td> <td><b>Total</b></td> </tr> <tr> <th>Date</th> <th>Cost(JPY)</th> <th>Expenditure list</th> </tr> <tr> <td>24th April</td> <td>188750</td> <td>Participated in IUGS-EC in Potsdam (including bank charge)</td> </tr> <tr> <td>14th June</td> <td>18072</td> <td>Rental fee of web server (yearly cost) (including bank charge)</td> </tr> <tr> <td>20th Oct.</td> <td>396903</td> <td>Organized a session at Symposium in Taiwan and CCOP in Korea (including bank charge)</td> </tr> <tr> <td>26th Nov.</td> <td>2268</td> <td>Publishing web content (including bank charge)</td> </tr> </tbody> </table>	Date	Cost(JPY)	Income list		26406	Carried over from 2017	23rd April	747880	Total credit in JPY	11th August	1	interest		<b>774287</b>	<b>Total</b>	Date	Cost(JPY)	Expenditure list	24th April	188750	Participated in IUGS-EC in Potsdam (including bank charge)	14th June	18072	Rental fee of web server (yearly cost) (including bank charge)	20th Oct.	396903	Organized a session at Symposium in Taiwan and CCOP in Korea (including bank charge)	26th Nov.	2268	Publishing web content (including bank charge)
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	<b>605993 Total</b>  <b>168294 JPY Remain</b>
Activities planned for 2018	<p>Objectives: Global Networking and sharing global experiences on geohazards</p> <p>Goals: To establish international standards on geohazards</p> <ol style="list-style-type: none"> <li>1. Executive Committee Meeting in Beijing during 27-28 Feb. 2019</li> <li>2. Field excursion in northern Vietnam To learn geohazards in Vietnam for standardization of landslide survey and to establish a cooperated project</li> <li>3. Symposium on geohazards in Long Beach during 10-11 May 2019 To establish collaborations between researchers on opposites of the Pacific Ocean and recruit members of the California community into the work of geohazards standardizations</li> <li>4. International Conference on Silk-roads Disaster (SiDRR) in Beijing during 11-12 May 2019 To establish a network between China and TGG for geohazards standardizations</li> <li>5. Session on geohazards at AOGS in Singapore during 28 Jul – 2 Aug 2019 To share global experiences on geohazards mainly from the papers of special volume of Geological Society of London Special Publication</li> <li>6. Visit to the Institute for Volcanology and Risk Assessment, Azores, Portugal To learn geohazards in Azores and search for the possibility of joint-symposium aiming geohazards standardizations</li> <li>7. Maintenance of web site of TGG</li> </ol>
	<ol style="list-style-type: none"> <li>1. EC-Meeting in Beijing Travel: 500 USD x 1 person = 1000 USD Total <span style="float: right;">500 USD</span></li> <li>2. Travel to Hanoi and field, Vietnam Airfare: 700 USD x 2 persons = 1400 USD Cars: 100 USD x 4 days = 400 USD Accommodation: 50 USD x 6days x 2 persons = 600 USD Total <span style="float: right;">2400 USD</span></li> <li>3. Travel to the Long Beach meeting Travel: 1000 USD x 2 persons = 2000 USD Accommodation: 100 USD x 4days x 2 persons = 800 USD Total <span style="float: right;">2800 USD</span></li> <li>4. Travel to SiDRR in Beijing Travel: 700 USD x 4 person = 2800 USD Accommodation: 100 USD x 3days x 4 persons = 1200 USD Registration fee: 500 USD x 4 persons = 2000 USD Total <span style="float: right;">6000 USD</span></li> <li>5. To organize a session at AOGS in Singapore Travel: 500 USD x 3 speakers = 1500 USD Accommodation: 50 USD x 3days x 3 speakers = 450 USD Registration fee: 500 USD x 3 invite speakers = 1500 USD Total <span style="float: right;">3450 USD</span></li> </ol>

## 2018 Brief Reporting for IUGS Constituent Bodies

	6. Travel to Azores	
	Travel: 1500 USD x 1 person = 1500 USD	
	Accommodation: 50 USD x 4days x 1 persons = 200 USD	
	Total	1700 USD
	7. Rental fee of web server	
	200 USD	
	Total	200 USD
	Projected Expenses:	
	EC-Meeting in Beijing	500 USD
	Travel to Hanoi and field, Vietnam	2400 USD
	Travel to the Long Beach meeting	2800 USD
	Travel to SiDRR in Beijing	6000 USD
	To organize a session at AOGS in Singapore	3450 USD
	Travel to Azores	1700 USD
	Rental fee of web server	200 USD
	Total	17050 USD
	Projected Income:	
	Carried over from 2018	168294 JPY = 1500 USD
	SiDRR	4500 USD
	Total	6000 USD
	Budget request	11,050 USD