





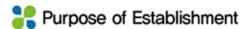








About LH



LH contributes to the development of the Korean economy through the improvement of Korean citizens' housing and efficient use of the country's land. To do so, LH carries out the following activities: 1. acquisition, development, supply and management of land, 2 urban development / management and 3. construction, supply and management of housing.





Mission

To take the lead in the improvement of Korean citizens' quality of life and the development of the Korean economy by stabilizing Korean citizens' housing and efficiently using the country's land

Vision

Finance

The best service company creating a pleasant living environment

- Happy living space where everybody wants to live
- New green growth cities leading the future
- · Globally competitive, developed land

Date of Foundation October 1, 2009 (Korea National Housing Corporation: 1962 / Korea Land Corporation: 1979)

Organization 5 divisions, 2 sectors, 1 research institute and 48 offices

Branches 12 local head offices, 11 project head offices and 12 project teams (directly managed by LH)

No. of Employees 6,684

assets: 167.7 trillion won / debt: 138.1 trillion won / capital: 29.6 trillion won

Subsidiaries Korea Housing Management, KOREIT, Korea Construction Management Corp. and Hannuri

Land Development



1,068km²

(6.1% of Korea's urban area)

Housing Construction



243 million units (13.4% of Korean houses)

Supply of SOC



2,461 places (16,5% of Korea's urban parks)

NEW START IN 2015

As of 2015 LX Korea Cadastral Survey Corporation has a new name: LX Korea Land and Geospatial InformatiX Corporation

Industry-Leading Expertise



Our rich experience in field and advanced technology made nationwide land information service possible

Writing a New Chapter in the History of the Spatial Information Industry





Our spatial information technology responds to a number of global issues, including natural disasters, poverty, famine and global warming; and provides key solutions to connect the past and the future by conserving cultural heritages of mankind.

Expanding Globalization



LX lays the foundation for development and growth in every corner of the world with advanced technology. LX transfers the accumulated technological excellence with various stakeholders around the world through diverse projects, and academic conferences and cooperative activities.

Special Thanks to All Our Sponsors!

Gold































Bronze























































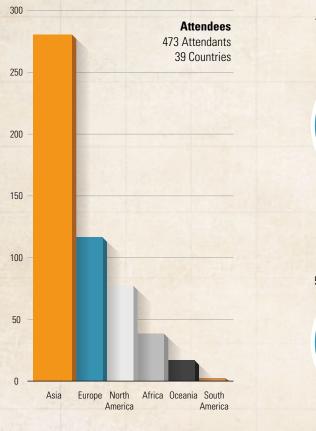




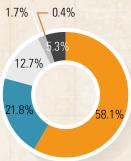




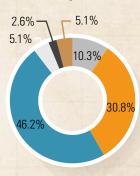
Attendees by Country and Continent



Attendees by Continent



Countries by Continent



North America Oceania South America

Continent	Attendees	Percent	Courtries	Percent
Asia	275	58.1%	12	30.8%
Europe	103	21.8%	18	46.2%
North America	60	12.7%	2	5.1%
Africa	25	5.3%	4	10.3%
Oceania	8	1.7%	1	2.6%
South America	2	0.4%	2	5.1%
Total	473	100%	39	100%

Europe



Free and Open Source Software For Geospatial Conference

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Welcome Messages

One Step Forward to Diversity - Big Bang from Seoul!

Welcome to the world of open source! You are welcomed to join this wonderful FOSS4G event held in Seoul and we wish you have a wonderful experience during your stay here in Korea.

This year's FOSS4G Seoul is unique in several aspects. First, this is the first time international FOSS4G in Asia. For last 10 years FOSS4G has travelled all around the world and finally returned to the home place, Asia, where the term of FOSS4G was first conined. Second, FOSS4G event got out of Roman alphabet world and now face totally different letters and language, that is Korean. If we believe that language defines a human's way of thinking, you will see how agglutinative language speakers think and behave differently here. These kinds of uniqueness and difference will stimulate your insight and imagination eventually.

Seoul team values the importance of diversity in our community. To increase diversity horizontally and vertically in FOSS4G event, we've done several things. First, we introduced discount-rate policy for the low-income economies' attendants for the first time in FOSS4G history. With this effort, more than 14 attendants were able to join this event. Second, we've tried to have as many travel grantees as possible. As a result we have 10 travel grantees from countries where we hardly see attendants. Thirdly, FOSS4G is no longer developer's exclusive conference. Now we need to embrace more diverse players around FOSS4G such as NGOs, international organisations and business enterprises. So, here's UN special session and links with Smart Geospatial Expo! We hope FOSS4G Seoul could result in new era of diversity in our community just like 'Cambrian Big Bang(explosion)'.

We know this wonderful event could not be possible without supports, sponsoring and help from many people and organisations. LOC members, staffs, volunteers, sponsors, OSGeo and others who helped us, your supports and efforts never will be forgotten.

Thanks again for your attending FOSS4G Seoul and have a fun!

On behalf of FOSS4G Seoul LOC.





A Week of Sharing, Learning, and Fun

FOSS4G (Free and Open Source Software For Geospatial) has exploded in recent years and is a unique event that brings together international developers of innovative Open software and solutions, face-to-face with users, educators, and decision makers. Two full days hands-on workshops are always a highlight of a FOSS4G event, where you will be able to learn directly from the software developers themselves. Of course the main program will be a highlight, with speakers from all of the world dealing with topics of Open Source, Open Standards, and Open Data. But the true highlight of any FOSS4G is the networking, whether it is at a social event at night, or breaking off into a Birds of a Feather session in the afternoon, or a random meeting in the hallway of the venue; networking, sharing of ideas, talking, discussing, is the true spirit of what makes a FOSS4G event special.

FOSS4G Seoul 2015 is a very special event as it is the first time that the international FOSS4G event will come to Asia. Much thanks must be given to the local organizing team here in Seoul, who have been hard at work for over a year planning this event. If you happen to see a local organizer or volunteer this week in person, be sure to thank them for their passion, they really deserve it.

FOSS4G is a community where we can make friends, share laughs, learn, and talk passionately about what we love: being Open. Open Source Software means of course that the source code is available, but being Open is much more than just software, as you will see here at FOSS4G, where it also means opening your data, opening your standards, opening your organization, and opening your mind to new ideas.

OSGeo (the Open Source Geospatial Foundation) exists to help promote the use and development of Open Source geospatial software, and OSGeo has happily hosted the international FOSS4G event all over the world since back in 2006. The journey of FOSS4G (Lausanne 2006, Victoria 2007, Cape Town 2008, Sydney 2009, Barcelona 2010, Denver 2011, Nottingham 2013, Portland 2014) now comes to Asia for the first time, and you're a big part of it. How exciting?!

I'm so very excited to see you all here at FOSS4G Seoul this week, to meet you, to share with you, to learn from you, we will all learn together here. And we will make new friendships and connections, which are as important or more than the Open software that we will learn as well.

Thank you to everyone for coming to FOSS4G Seoul! Have fun! On behalf of OSGeo,

Jeff McKenna

President, OSGeo





Local Organizing Committee

Committee Chairs

Sanghee Shin OSGeo Korean Chapter, KAOS-G, Gaia3D, Inc.

Sangki Hong KSIS, Anyang University

Marketing and Communication Committee

Heegu Park Gaia3D, Inc.

Jung-Sup Um Kyungpook National University

Min Heo Korean Association of Surveying and Mapping

Program and Steering Committee

Younsuk OhKRIHS – Korea Research Institute for Human Settlements

Younsuk Oh

Korea Institute of Civil Engineering and Building Technology

 Jangwon Mun
 NIPA – National IT Industry Promotion Agency

 Taeyeol Kim
 NIPA – National IT Industry Promotion Agency

Junyoung Choi Korea Land and Housing Corporation

Junghwan Yun EnGIS

BJ Jang Gaia3D, Inc.

Eunmi Chang Ziin Consulting INC. **Youngok kang** Ehwa Womans University

Minpa LeeMango SystemHanjin LeeMango SystemSiwoon JeongMango System

Kyoungtae Doh Samsung SDS

Ki-Joune Li Pusan National University

Academic Track Committee

General Chair

Venkatesh Raghavan Osaka City University

Vice General Chair

Kang Woo Nam Kunsan National University

Conference Secretariat



MECI

www.meci.co.kr (+82-2-6288-6300)

4F, Sungji Building 192 Bangbae-ro, Seocho-gu, Seoul, Republic of Korea (06586)



http://www.unrcc-ap2015.org http://www.un-ggim-ap2015.org

The 20th UNRCC-AP The 4th UN-GGIM-AP

5-10 October 2015 Jeju Island, Republic of Korea









Programme at a Glance

Workshops (Sep. 14, 15)

Date	Sep. 14 (Mon)							Sep. 15 (Tue)				
Time/Room	Rm.1	Rm.2	Rm.3	Rm.4	Rm.5	Rm.6	Rm.7	Rm.1	Rm.2	Rm.3	Rm.4	Rm.5
08:30			Workst 08:30-18:	n op Regis 30, Hotel					08:30-18:	30, GBR L	e Regist obby (2F) GBR Lobb	
	WS01	WS03	WS05	WS06	WS04	WS02	WS07	WS14	WS17	WS19	WS 16	WS 18
09:00-13:30	GeoServer Performance Tuning	GeoTools DataStore Workshop	Mobmap: An introduction toanalysis people flow data	Introduction to PostGIS	QGIS Plugin Development with Python	Exploring the Sensor Observation Service Standard Enhanced by IstSOS Special Features	ZOO-Project Introduction Workshop	_drOne Day Workshop: Build a Drone and OpenDroneMap	Geopaparazzi: Never Out of Data in the Field	Beyond GeoServer Basics	Python in GRASS GIS 7	OpenLayers 3
13:30-14:30					13:30	Lur 0-14:30, H		y (3F)				
	WS01	WS12	WS09	WS08	WS13	WS10		WS14	WS20	WS23	WS22	WS 21
14:30-18:30	GeoServer Performance Tuning	FOSS4G Routing with PgRouting, OpenStreetMap Road Data and OpenLayers 3	Open IoT Made Easy: a Tutorial on the OGC SensorThings API with SensorUp	Build Your Own Data Portal Using GeoNetwork 3	OGC Webservices with OGIS	Building Standards Compliant Geospatial Web Applications – the Quick and Easy MapMint Way		_drOne Day Workshop: Build a Drone and OpenDroneMap	Web Mapping with OGC Services and GeoServer: an Introduction	GeoPython Workshop	Building Dynamic Maps with CartoDB	OpenSource 3D GIS

Main Conference / Code Sprint (Sep. 16~19)

Date				Sep. 16 (Wed						Sep. 17 (Th			Sep. 18 (Fri)				Sep. 19		
Time/Room	GBR B	Rm.8	Rm.9	Rm.10	Rm.11	Rm.12	Rm.13	GBR B	Rm.9	Rm.10	Rm.11	Rm.12	GBR B	Rm.9	Rm.10	Rm.11	Rm.12	Rm.13	301
08:30				C	onference F	Registration	08:30-18:00,	GBR Lobby (2	F) / Exhibitic	on 09:00-18:0	00, GBR Lobby (2F) / Poster S	ession 09:00-	18:00 Rm.9 Lob	bby (2F)				
09:30-10:00		Ор	ening Cerer	nony 09:30-1	0:00, GBR B (2F)			Keynote Ta	Ik 3 09:30-10	D:00, GBR B (2F			Кеуп	ote Talk 6 09:	30-10:00, GBR	R B (2F)		
10:00-10:30		Lightning	Talk 1 & Ke	ynote Talk 1	10:00-10:30,	GBR B (2F)			Keynote Ta	lk 4 10:00-10	D:30, GBR B (2F)		Keyn	ote Talk 7 10:	:00-10:30, GBR	R B (2F)		
10:30-11:00								Coffee Br	eak 10:30-11	:00, GBR Lot	oby & Rm.9 Lob	by (2F)							
11:00-11:25	S1-1	UN SS	S1-2	S1-3	S1-4	AT1-1	S1-5	S4-1	ASS1-1	S4-2	S4-3	AT4-1	S7-1	S7-2	S7-3	S7-4	AT7-1	\$7-5	
11:25-11:50	3D and Open Source GIS	FOSS4G - UN Special	Project	Open Source GIS and Data	Project	Hacks and Mashes	Project Development	Hacks and Mashes	Mapping	New-born Business	Project Development	Enhancement &	Best GIS Solution	Hacks and Mashes	Safety	Hacks and Mashes	Big Data	For the Better GIS Business	
11:50-12:15	Source dis	Session	Development	Utilization	Development	Ividaties	Development	ividsiles		Solution	& Policy	Improvement	301011011	ividsiles		ividsiles		GIO DUSINESS	
12:15-13:25								ı	Lunch 12:15-	13:25, Four S	Geasons (1F)								
13:25-13:50	S2-1	UN SS	S2-2	S2-3	S2-4	AT2-1	S2-5	S5-1	ASS2-1	S5-2	S5-3	AT5-1	S8-1	S8-2	S8-3	S8-4	AT8-1	S8-5	
13:50-14:15	Hacks and	UN - LH	New Open	Living in and	Data	Hacks and	Visualisation	Project	Web and	Various	Work	Case Study	Innovative	Project	Policy	Hacks and	Hacks and	Hacks and	Code Sprint
14:15-14:40	Mashes	Joint Seminar	Source GIS Trend I	with Earth	Utilization	Mashes	with Open Source GIS	Development	Framework	Application of Open Source GIS	Efficiency with Open Source GIS		usage of Open Source GIS	Development		Mashes	Mashes	Mashes	9:00- 18:00,
14:40-15:05										Source dis	Source dis		dis						CNN BIZ
15:05-15:30				Coffee	e Break & P	actor Draca	ntation	Coffee	Break 15:05	-15:30, GBR I	Lobby & Rm.9 I	obby (2F)		Coffe	ee Break & P	actor Procent	tation		
15:30-16:00					6:00, GBR Lob			S6-1	ASS3-1	S6-2	S6-3	AT6-1			16:00, GBR Lot				
16:00-16:25	S2-2		S3-2	S3-3	S3-4	AT3-1	S3-5		Improvement	New Open	Project	Disaster	S9-1	S9-2	S9-3	S9-4	AT9-1	S9-5	
16:25-16:50	Project		Hacks and	Big Data with		New Trends	SDI	various Open Source		Source GIS Trend II	Development	and Disease	Benchmarks	Hacks and	Disaster and	Hacks and	Benchmarks	Education &	
16:50-17:15	Development &		Mashes	Open Source GIS	with Open Source GIS									Mashes	Disease	Mashes	& SDI	Hacks and Mashes	
17:15-17:40	Visualisation							Annual		B: 1 (L	ightning Talk	3 & Keynote	Talk 7 17:20-1	17:50, GBR B (2	! !F)	
17:40-18:00			n.	£ . F d				General Meeting			a Feather 0-18:00								
18:00-18:30			Ві	rd of a Feath 17:40-18:30	ier			Closing Ceremony & Awards Keynote Talk 5 18:00-18:30, GBR B (2F) 17:50-18:30, GBR B (2F)											
18:30-19:30		Keynote T	alk 2 & Ligh	tning Talk 2	18:30-19:30,	GBR B (2F)					O, GBR Lobby (2								
19:30-21:00		Ga	la Dinnr 19:3	30-21:00, Crys	tal Ballroom	(3F)													

^{*} S#-#: Presentation

UNSS: UN Special Session

AT#-#: Academic Track

ASS: Asia Special Session



[Hotel]	Room 1	Room 2	Room 3	Room 4	Room 5	[Convention]	Crystal Ballroom	[K Avenue]	Room 10	Room 11
	WS01, WS14	WS03, WS12, WS17, WS20	WS05, WS09, WS19, WS23	WS06, WS08, WS16, WS22	WS04, WS13, WS18, WS21		Gala Dinner (Sep. 16)		S1-3, S2-3, S3-3, S4-2, S5-2, S6-2, S7-3, S8-3, S9-3	C1 1 C2 1 C2 1 C1 2 CE 2 CE 2











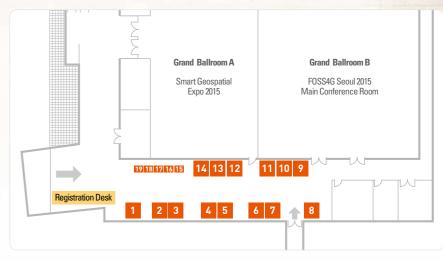


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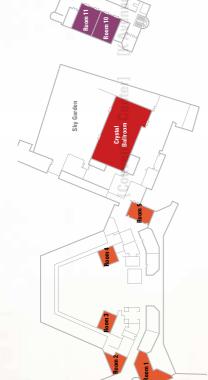
[Convention]		
Four Seasons	Lunch (Sep. 16-18)	
[K Avenue]		
Room 8 UN	UN Special Session	
Prayer Pray	Prayer Room	

B1F AT1-1, AT2-1, AT3-1, AT4-1, AT5-1, AT6-1, AT7-1, AT8-1, AT9-1 S1-5, S2-5, S3-5, S7-5, S8-5, S9-5

Exhibition



	1	Mango System Inc.	12	GeoCat BV.
	2	Gaia3D Inc.	13	Geospatial Information Technology Co.,Ltd.
	3	Korea Polar Research Institute	14	SI Imaging Services
	4	SEOUL METROPOLITAN SEOUL METROPOLITAN GOVERNMENT	T15	QGIS Enterprise
	5	Penn State World Campus PENNSTATE Pend Carpus	T16	SuperMap SuperMap
	6-7	Mapzen MAPZEN	T17	CartoDB CARTŌDI
	8	0SGeo OSGeo	T18	Boundless
	9	National Geographic Information Institute	T19	Oslandia
1	0-11	Mapbox		







Floor Plan



Conference Information

FOSS4G Seoul 2015 at a Glance

The FOSS4G Seoul 2015 consists of 21 Workshops, 8 Keynote Talks, 3 Lightning Talks, 3 Asia Special Sessions, UN Special Session, 39 Regular Presentation Sessions, 9 Academic Tracks and Poster Session.

Conference Venue

THE K-HOTEL SEOUL

70, Baumoe-ro 12-gil, Seocho-gu, Seoul, Republic of Korea (TEL: +82-2-571-8100)

Official Language

The official language of the conference is English, which will be used for all presentations and printed materials.

Poster Presentation Session

Poster presenters are requested to display accepted posters and give a presentation in an allocated time. Numbers will be issued to each poster and these numbers can be found on the top of each poster board. All posters are displayed during the whole period of the Conference and to be removed at the end of the Conference.

Poster Set-up Schedule

	Date	Time
Mounting	Sep. 16 (Wed)	09:00-09:30
Display	Sep. 16 (Wed) - 18 (Fri)	All Day
Removal*	Sep. 18 (Fri)	18:00-18:30
Presentation	Sep. 16 (Wed), 18 (Fri)	15:05-16:00
Place	Room 9 Lobby (2F, K Avenue)	

^{*} Posters not removed by 18:30 on Frday, September 18, will be discarded by the Secretariat.

Conference Meals & Coffee Breaks

Meals and coffee breaks are included in the registration fee. Lunches are provided at Four Seasons (1F, Convention) and coffee breaks are prepared at the GBR Lobby (2F, Convention) and Room 9 Lobby (2F, K Avenue) of the conference venue.

	Sep. 16	Sep. 17	Sep. 18
Coffee Break (Morning)	10:30-11:00	10:30-11:00	10:30-11:00
Lunch	12:15-13:25	12:15-13:25	12:15-13:25
Coffee Break (Afternoon)	15:05-16:00	15:05-15:30	15:05-16:00

• Free Pick-up Table

Free Pick-up Table will be arranged besides Registration Desk. You may find informative and interesting flyers or journals to pick up at free.

Registration Desk

Participants are required to wear name tags at all times in order to enter the conference area and to participate social activities. Participants can still make on-site registration at the registration desk located in the lobby of Grand Ballroom (2F, Convention), The K-Hotel Seoul. Service hours of the registration desk are as below.

08:30-18:00, Sep. 15 (Tue) - 18 (Fri)

Categories	On-site registration fee	Registration fee covers	
Full Day	USD 550/ KRW 550,000		
Full Day Student	USD 385/ KRW 385,000		 Conference Material Lunch (Sep. 16-18)
Low or Lower-Middle Income Economies	USD 385	- Gala Dinner (Sep. 16)	- Social Drinks (Sep. 17)
Single Day	USD 200/ KRW 200,000	- Admission to Session - Cor	- Conference Material
Single Day Student	USD 140/ KRW 140,000	- T-Shirts	- Lunch

• Certificate of Attendance

A Certificate of Attendance will be issued by Local Organizing Committee at the registration desk (2F, Convention).

Secretariat Office

The Secretariat Office will be located in Iris Room (2F, Convention), The K-Hotel Seoul. Service hours are from 09:00 to 19:00 Monday through Friday.

Hotel Shuttle



Time	Hotel - Yangjae Subway Station	Yangjae Subway Station - Hotel
06:00	20, 50 Min.	30 Min.
07:00-17:00	20, 50 Min.	00, 30 Min.
18:00-19:00	15, 45 Min.	00, 30 Min.
20:00-22:00	20, 50 Min.	00, 30 Min.
23:00	-	00 Min.

^{*} Hotel - Yangjae Subway Station (Community Center) - Yangjae Citizen's Forest Station (Public Parking Lot) - Hotel



OFFICIAL & SOCIAL PROGRAMME

Opening Ceremony

Date & Time 09:30-10:00, Sep. 16 (Wed)

Location Grand Ballroom B (2F. Convention)

Gala Dinner

Gala Dinner will let all participants feel the specialties of Seoul and South Korea, making the event memorable to all participants. The Gala Dinner party will be co-hosted by FOSS4G Seoul and SmartGeoExpo. Great chance to get along with other delegates from SmartGeoExpo!

Date & Time 19:30-21:00, Sep. 16 (Wed)

Location Crystal Ballroom (3F, Convention)

Social Drinks

Throughout Social Drinks on Thursday night after conference, participants can interact with other participants and share their thoughts or ideas with other participants for better FOSS4G event and more positive uses of open-source geospatial software.

You can visit and look around exhibition booth as well.

* One drink free for all participants, please hold your social drink coupon. (You can pay for your next drink by only cash)

Date & Time 18:30-19:30, Sep. 17 (Thu)

Location Grand Ballroom Lobby (2F, Convention)

Closing Ceremony

'Sol Katz Awards', 'Student Awards (Academic Track)', and 'Best Map Awards' will be awarded at Closing Ceremony. All Academic Track presenters are advised to attend the Closing Ceremony.

Date & Time 17:20-18:30, Sep. 18 (Fri)

Grand Ballroom B (2F, Convention) Location

SIDE EVENT (SELF ORGANIZING)

Ice-Breaking Sep. 15 (Tue), 2015

Before starting FOSS4G conference, we offer you the information about places for ice breaking to welcome and warm the conversation among participants.

Korean BBQ Party

Have you ever tried Korean BBQ in your life? It's so delicious! You'll never forget about this excellent food after once having enjoyed this. Anyone who want to experience Korean BBQ, so called Samgyupsal (Pork) or Bulgogy (Beef), with Korean traditional drink (Soju) can join Korean BBQ Party if they pay certain amount of money personally.

Pub Night Sep. 19 (Sat), 2015

After Code Sprint, we have Pub Night for all participants. Please have an enjoyable party as a meaning of finishing the FOSS4G Seoul 2015 event! This will be paid by each participant after end of the event at each pubs.







Sep. 18 (Fri), 2015

From overseas: +82.2.1330

Press 1 Korean 2 English

3 lapanese 4 Chinese



General & Local Information



Local Time

GMT +9 hours



Climate

The climate of Korea is characterized by four distinct seasons: spring, summer, fall, and winter. The contrast between winter and summer is striking. The climate features in September, the usual temperature is 21.2°C (70.2°F).



Electric and Voltage

The standard voltage in Korea is 220 volts. The outlet has two round holes. Always check the power supply before using your equipment.



Currency

The unit of currency in Korea is the Korean Won (KRW). Notes occur in 1,000, 5,000, 10,000 and 50,000 won denominations, while coins occur in 10, 50, 100 and 500 won denominations.

As of September 2015, the exchange rate is approximately 1 USD to 1,150 KRW.



Business Hours

Government office hours are usually from 9:00 to 18:00 on weekdays and are closed on weekends. Most stores are open every day from 10:30 to 20:00, including Sunday.



Tıp

Tipping is not a regular practice in Korea. Service charges are included in your bill for rooms, meals and other services at hotels and upscale restaurants. Koreans occasionally do tip when they are especially pleased with the service they receive.



MICE Card

All foreign participants would receive MICE Card with 5,000won charged, within the conference kit. It can be used on public transportation and also at the convenience store. If you need more amount, it is possible to charge at subway station or convenience store.



Medical Assistance

If you need medical assistance, please contact the Conference Secretariat located at Iris (2F, Convention). Automated External Defibrillator (AED) is arranged on front desk of hotel.

In case of an emergency, please dial 119 from any place.



Useful Phone Numbers

- Police 112
- Interpretation Service 1588-5644
- Dasan Call Center (All about Seoul) 120 (9)

Keynote Speakers

September 16 Wednesday, GBR B



10:00-10:30

FOSS4G in Korea: Challenges & Strategies

Byungnam Choe

President of Korea National Geographic Information Institute

Dr. Choe is the first confirmed keynote speaker at FOSS4G 2015 Seoul. He is the president of Korea National Geographic Information Institute (NGII), a national mapping authority in charge of surveying and mapping whole Korea. He will talk about NGII's vision toward openness and international cooperation.



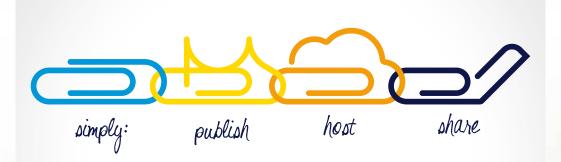
18:30-19:00

FOSS4G for the 5Ps

Kyoung-Soo Eom

Chief of United Nations Geospatial Information Section (formerly UN Cartographic Section)

Mr. Kyoung-Soo Eom is the Chief of United Nations Geospatial Information Section (formerly UN Cartographic Section), UN Headquarters in New York. He will give a keynote speech about UN's views, plans toward open source GIS at FOSS4G 2015 Seoul. Also he will talk about UN Geospatial Information Section's mission, vision and activities through general oral presentation session.







September 17 Thursday, GBR B



09:30-10:00

Open Data, Open Standards, and Open / Proprietary Technologies

Kuo-Yu slayer Chuang

Delegate of Open Geospatial Consortium

Kuo-Yu Chuang (a.k.a. *slayer*) focuses on Location-Based Service (LBS) for years and works with Communities, NGOs, and Government Agencies on disaster response and information coordination. He is the chair of OGC Open GeoSMS SWG and the charter member of OGC KML 2.3. Together with the efforts by the team from OGC and GeoThings, the Open GeoSMS standard is not only recommended by ITU (0.3615), but also contributed to Ushahidi and Sahana platform for emergency and disaster response. In his keynote, he will speak about relationship/differences between open data, open source and open standards.



10:00-10:30

Building What Lasts: The Sustainability of Open Source for Tomorrow

Alvssa Wright

Vice President at Mapzen

Alyssa Wright works at the intersection of open technology, cultural diversity, and mapping. As Vice President of Partnerships and Business Development at Mapzen, she leads community initiatives to bring the open mapping capabilities to organizations of all types. Based out of the Samsung Accelerator, Mapzen is working towards a healthy mapping ecosystem that extends beyond the United States to Korea and beyond. Alyssa is also the president of the US OpenStreetMap board, an organization dedicated to preserving the health and growth of the world's premiere open geo database. Alyssa will speak about diversity in open mapping and how we all can contribute to this space.



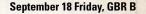
18:00-18:30

Where do we go from here? The next 10 years of open source geospatial

Paul Ramsev

Solutions Architect at Cartodb

He has been working with geospatial software for over a decade: consulting to government and industry; building a geospatial software company; and programming on open source. He founded the PostGIS spatial database project in 2001, and is currently an active developer and member of the project steering committee. In 2008, Paul received the Sol Katz Award for achievement in open source geospatial software. Paul speaks and teaches regularly at conferences around the world.





09:30-10:00

Citizen Science, VGI, Geo- CrowdSourcing, Big Geo Data: how they matter to the FOSS4G Community

Maria Antonia Brovelli

Professor of GIS and Vice Rector for the Como Campus at Politecnico di Milano

Member of the Advisory Board of GeoForAll, co-chair of ISPRS WG IV/5 "Web and Cloud Based Geospatial Services and Applications", Conference Chair of FOSS4G Europe 2015. She organized in Como (Italy) in 2000 the First GRASS User Meeting and was in the Organizing Committee of the First International Open Source Free Software GIS — GRASS users conference held in 2002 in Trento (Italy). She will talk about how Geo Big Data matters to the FOSS4G Community.



10:00-10:30

QGIS - from a geodata viewer to a GIS platform

Marco Hugentobler

Managing Director at Sourcepole

Dr. Marco Hugentobler is a QGIS developer since 2003 and member of the Project Steering Committee. He will talk about the QGIS project and its evolution from a desktop GIS to a GIS platform.



17:30-17:50

Global Vision: The Open Source Geospatial Foundation

Jeff McKenna

President of OSGeo (Open Source Geospatial)

In 2009 Jeff McKenna was named to the Board of Directors of the Open Source Geospatial Foundation (OSGeo), subsequently was named as the President of OSGeo in 2012, and was reelected in 2014. After helping organize a small event in Ottawa, Canada in 2004 for geospatial free software, Jeff attended FOSS4G 2004 in Bangkok, and would discuss with Markus Neteler and Venkatesh Raghavan about joining the MapServer and GRASS community events into a global FOSS4G event.

Jeff is very active in the MapServer community, and is a member of its Project Steering Committee. He also promotes the importance of education, through the GeoForAll initiative. Jeff operates a consulting company, Gateway Geomatics, along the beautiful coast in Lunenburg, Nova Scotia, Canada.

MangoSystem Inc. is

a professional geospatial software company in South Korea focused on developing geoprocessing solutions based on Open Source Technologies which include OGC web services (especially Web Processing Service) and desktop applications.



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- **Database**
- Geospatial Database Automation Thematic Mapping
- Solution
- Spatial Data Management & Analysis System Web based GIS System for Public Works
- Algorithms for Spatial Analysis
- Development of Open Source GIS

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Free and Open Source Software For Geospatial Conference

WORKSHOPS

September 14, Monday

September 15, Tuesday

Sep. 15 (Tue)

Workshops

09:30-18:30	Full Day	
WS01 Intermediate	GeoServer Performance Tuning Jody Garnett (Boundless), Tom Ingold (Boundless)	Room 1 (3F)
09:30-13:30	Morning	
WS02 Intermediate	Exploring the Sensor Observation Service Standard Enhanced by IstSOS Special Features Massimiliano Cannata (SUPSI), Milan Antonovic (SUPSI)	Room 6 (2F)
WS03 Intermediate	GeoTools DataStore Workshop lan Turton (Freelance Trainer), Jody Garnett (Boundless)	Room 2 (3F)
WS04 Intermediate	QGIS Plugin Development with Python Pirmin Kalberer (Sourcepole), Marco Hugentobler (Sourcepole)	Room 5 (3F)
WS05 Beginner	Mobmap: An introduction to analysis people flow data Sengoku Hiroaki (Microbase)	Room 3 (3F)
WS06 Beginner	Introduction to PostGIS Paul Ramsey (CartoDB)	Room 4 (3F)
WS07 Intermediate	Z00-Project Introduction Workshop Gerald FENOY (GeoLabs SARL), Nicolas Bozon (GeoLabs SARL), Venkatesh Raghavan (Osaka City University)	Room 7 (2F)
13:30-14:30	Lunch Hote	l Lobby (3F)
14:30-18:30	Afternoon	
WS08 Advanced	Build Your Own Data Portal Using GeoNetwork 3 Florent Gravin (Camptocamp), Francois Xavier Prunayre (Titellus), Jeroen Ticheler (Geoca	Room 4 (3F) t BV)
WS09 Intermediate	Open IoT Made Easy: a Tutorial on the OGC SensorThings API with SensorUp Steve Liang (University of Calgary)	Room 3 (3F)
WS10 Intermediate	Building Standards Compliant Geospatial Web Applications – the Quick and Easy MapMint Way Gerald FENOY (GeoLabsSARL), Nicolas BOZON (GeoLabsSARL), Venkatesh RAGHAVAN (Osaka City University)	Room 6 (2F)
WS12 Intermediate	FOSS4G Routing with PgRouting, OpenStreetMap Road Data and OpenLayers 3 Daniel Kastl (Georepulbic), Ko Nagase (Georepublic), Vicky Vergara (Georepublic)	Room 2 (3F)
WS13 Intermediate	OGC Webservices with QGIS Marco Hugentobler (Sourcepole AG)	Room 5 (3F)

Workshops

09:30-18:30	Full Day	
WS14 Intermediate	_drOne Day Workshop: Build a Drone and OpenDroneMap Stephen Mather (Cleveland Metroparks)	Room 1 (3F)
09:30-13:30	Morning	
WS16 Beginner	Python in GRASS GIS 7 Luca Delucchi (Fondazione Edmund Mach)	Room 4 (3F)
WS17 Beginner	Geopaparazzi: Never Out of Data in the Field Hirofumi Hayashi (Applied technology), Daisuke Yoshida (Osaka City University), A Silvia Franceschi	Room 2 (3F) Indrea Antonello,
WS18 Intermediate	OpenLayers 3 Eric Lemoine (Camptocamp), Tim Schaub (Planet Labs)	Room 5 (3F)
WS19 Intermediate	Beyond GeoServer Basics Jody Garnett (Boundless), Tom Ingold (Boundless), Benjamin Trigona-Harany	Room 3 (3F)
13:30-14:30	Lunch	Hotel Lobby (3F)
14:30-18:30	Afternoon	
WS20 Beginner	Web Mapping with OGC Services and GeoServer: an Introduction Andrea Aime (GeoSolutions)	Room 2 (3F)
WS21 Intermediate	OpenSource 3D GIS Olivier Courtin (Oslandia), Vincent Picavet (Oslandia)	Room 5 (3F)
WS22 Beginner	Building Dynamic Maps with CartoDB Aurelia Moser (CartoDB), Andy Eschbacher (CartoDB)	Room 4 (3F)
WS23 Intermediate	GeoPython Workshop Jachym Cepicky (OSGeo)	Room 3 (3F)



NOTE	
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Free and Open Source Software For Geospatial Conference

MAIN CONFERENCE



September 16, Wednesday

09:30-10:00 Opening Ceremony Grand Ballroom B (2F		Grand Ballroom B (2F, Convention	
	Opening & Logistics Info. Mr. Sanghee Shin, Chairperson of FOSS4G Seoul 2015, Representative of OSGeo Korean Chapter, KAOS-G, CEO of	of Gaia3D, Inc	
	Welcome Address 1 Prof. Sangki Hong, Co-Chairperson of FOSS4G Seoul 2015, Anyang University		
	Welcome Address 2 Mr. Jeff McKenna, President of OSGeo		
	Congratulatory Remarks Mr. Won Soon Park, Mayor of Seoul Metropolitan Govern	ment	
10:00-10:10	Lightning Talk 1	Grand Ballroom B (2F, Convention	
	Geo4All: Open Education using FOSS4G Prof. Venkatesh Raghavan, General Chair of Academic Tra	ack Committee, Osaka City University	
10:10-10:30	Keynote Talk 1	Grand Ballroom B (2F, Convention	
	FOSS4G in Korea: Challenges & Strategies Dr. Byungnam Choe, President of Korea National Geography	phic Information Institute	
10:30-11:00	Coffee Break	Grand Ballroom Lobby (2F, Convention Room 9 Lobby (2F, K Avenue	
11:00-12:15	SESSION 1-1: 3D and Open Source GIS	Grand Ballroom B (2F, Convention	
PT1-01 11:00-11:25	OL3-Cesium: 3D for OpenLayers maps Guillaume Beraudo (Camptocamp), Andreas Hocevar		
PT1-02 11:25-11:50	3D OpenSource software Stack Olivier Courtin (Oslandia)		
PT1-03 11:50-12:15	Presentation of GNOSIS SDK: High performance 3D v Jerome St-Louis (Ecere Corporation)	visualization SDK and GIS software	
11:00-12:15	SESSION 1-2: Project Development	Room 9 (2F, K Avenue	
PT1-04 11:00-11:25	Geopaparazzi, state of the art Hirofumi Hayashi (HydroloGIS S.r.I.), Andrea Antonello, Silv	via Franceschi	
PT1-05 11:25-11:50	GeoPackage and how open source is changing the v Nathan Frantz (US Army), Steven Lander, Michael Lee, Be		

PT1-06 11:50-12:15	Z00-Project 1.5.0: News about the Open WPS Platform Gérald Fenoy (GeoLabs), Nicolas Bozon, Venkatesh Raghavan	
11:00-11:50	SESSION 1-3: Open Source GIS and Data Utilization	Room 10 (3F, K Avenue)
PT1-07 11:00-11:25	Don't Copy Data! Instead, Share it at Web-Scale Mark Korver (Amazon Web Services)	
PT1-08 11:25-11:50	DigitalGlobe and Open Source Kevin Bullock (DigitalGlobe)	
11:00-12:15	SESSION 1-4: Project Development	Room 11 (3F, K Avenue)
PT1-10	Technical introduction to Oskari - A Modular web mapping applica	tion framework!
11:00-11:25	Hanna Visuri (National Land Survay of Finland), Sami Mäkinen	
PT1-11	New Geoprocessing Toolbox in uDig Desktop Application Framewo	ork
11:25-11:50	Minpa Lee (Mango System inc.), KiWoong Kim	
PT1-12	OpenAerialMap: A Distributed Commons for Searching and Hosting	Free Imagery
11:50-12:15	Kate Chapman (Cadasta Foundation)	
11:00-12:15	ACADEMIC TRACK 1-1: Hacks and Mashes	Room 12 (B1F, K Avenue)
AT1-01	Automatic Improvement of Point-of-Interest Tags for Openstreetman Sabine Storandt (Albert-Ludwigs-Universität Freiburg), Stefan Funke) Data
11:00-11:25	outsing of the desired and of the desired of the de	
AT1-02 11:25-11:50	Generating Geospatial Footprints for Geoparsed Text from Crowdso Ahmad O. Aburizaiza (George Mason University), Matthew T. Rice, Micha	
AT1-02	Generating Geospatial Footprints for Geoparsed Text from Crowdso	el F. Goodchild
AT1-02 11:25-11:50	Generating Geospatial Footprints for Geoparsed Text from Crowdso Ahmad O. Aburizaiza (George Mason University), Matthew T. Rice, Micha	el F. Goodchild ses for Line Intersection
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AT1-02 11:25-11:50 AT1-03 11:50-12:15 11:00-11:50 PT1-13 11:00-11:25	Generating Geospatial Footprints for Geoparsed Text from Crowdso Ahmad O. Aburizaiza (George Mason University), Matthew T. Rice, Micha Performance Analysis of MongoDB Vs. PostGIS/PostGreSQL Databa and Point Containment Spatial Queries Sarthak Agarwal (International Institute of Information Technology), KS Ra SESSION 1-5: Project Development QGIS Plugins - From Must-Haves to insider tips Pirmin Kalberer (Sourcepole)	el F. Goodchild ses for Line Intersection ajan



13:25-15:05	SESSION 2-1: Hacks and Mashes	Grand Ballroom B (2F, Convention)	PT2-15		
PT2-01	How Simplicity Will Save GIS		13:50-14:15	Andrea Aime (GeoSolutions), Simone Giannecchini, Daniele	Romagnoli
13:25-13:50	Vladimir Agafonkin (Mapbox)		PT2-16		on Platform Developed Entirely With
PT2-02	Jsonix: Talking to OGC Web Services in JSON		14:15-14:40	Floss Software Vasile Craciunescu (Romanian National Meteorological Adm	inistration
13:50-14:15	Alexey Valikov (DB Systel GmbH)			·	•
PT2-03	Building OpenLayers Applications with QGIS		PT2-17	Geodata for Everyone - Model-driven development and	an example of INSPIRE WFS service
14:15-14:40	Victor Olaya (Boundless), Benjamin Trigona-Harany		14:40-15:05	Meixia Feng (Danish Geodata Agency)	
PT2-04	Building an OpenLayers 3 map viewer with React		13:25-14:40	ACADEMIC TRACK 2-1: Hacks and Mashes	Room 12 (B1F, K Avenue)
14:40-15:05	Pirmin Kalberer (Sourcepole)		AT2-01	Geographical Weighted Regression Model for Improved	l Near-shore Water Depth Estimation
13:25-15:30	SESSION 2-2: New Open Source GIS Trend I	Room 9 (2F, K Avenue)	13:25-13:50	from Multispectral Imagery	
	•	neem e (Er, N. Nemae)		Poliyapram Vinayaraj (Osaka City University), Venkatesh Rag	havan, Shinji Masumoto
PT2-05 13:25-13:50	Making Sense of Sensor Data with Maps Aurelia Moser (CartoDB), Andy Eschbacher		AT2-02	The Integration of Heterogeneous Open Source Software	to Develop an Urban Simulation Model
	,		13:50-14:15	Donghan Kim (Korea Research Institute for Human Settlement	nts)
PT2-06 13:50-14:15	Turning Data into Information with Geo-Ontologies Justin Lewis (TerraFrame), Nathan McEachen		AT2-04	Dynamic Styling For Thematic Mapping	
			14:15-14:40	Simon Moncrieff (Curtin University), Elizabeth-Kate Gulland	
PT2-07 14:15-14:40	ISA Server - An Indoor Spatial Data Server Ki-Joune Li (Pusan National University), Taehoon Kim, Joonseol	k Kim	40.05.44.40		D 40/D45 // A
		KINIII	13:25-14:40	SESSION 2-5: Visualisation with Open Source GIS	Room 13 (B1F, K Avenue)
PT2-08 14:40-15:05	Using Spark in Weather Applications Tom Kunicki (The Weather Company), Charles Maalouf		PT2-18	Visualizing Fire Department Responses with CartoDB	
			13:25-13:50	Paul Wickman (Flat Rock Geographics)	
PT2-09 15:05-15:30	Citizen science and Smart cities, the evolution of GIS María Arias de Reyna (GeoCat bv), Jeroen Ticheler		PT2-19	Revolutionizing map use in Norwegian newspapers	
13.03-13.30	Iviana Anas de neyna (deboat by), serben nenere		13:50-14:15	Kjartan Bjørset (Norkart)	
13:25-15:05	SESSION 2-3: Living in and with Earth	Room 10 (3F, K Avenue)	PT2-20	Dynamic analysis, reporting and visualization of metada	ata catalogue
PT2-10	Arctic Web Map and PolarMap.js		14:15-14:40	Francois Prunayre (titellus)	
13:25-13:50	Steve Liang (University of Calgary), James Badger				Grand Ballroom Lobby (2F, Convention)
PT2-11	An open source GIS application for scientific national par	k management	15:05-16:00	Coffee Break & Poster Session Presentation	Room 9 Lobby (2F, K Avenue)
13:50-14:15	Byeong-Hyeok Yu (Korea National Park Service / University of S	Seoul), Impyeong Lee			0 10 11 0 10 0
PT2-12	Open Source GIS-based Geomorphohydrological Watersh	ed Model and it's Application to	16:00-17:40	SESSION 3-1: Project Development & Visualisation	Grand Ballroom B (2F, Convention)
14:15-14:40	Flash Flood Prediction in Ungaged Basins		PT3-01	PostGIS Feature Frenzy	
	Hong-Tea Kim (National Institute of Environmental Research)		16:00-16:25	Paul Ramsey (CartoDB)	
PT2-13	Ocean data Interpolation using Open Source GIS		PT3-02	State of GeoServer	
14:40-15:05	Junghwan Yun (EnGIS), Hojung Jeon, Yunsu Lee		16:25-16:50	Jody Garnett (Boundless), Andrea Aime	
13:25-15:05	SESSION 2-4: Data Utilization	Room 11 (3F, K Avenue)	PT3-03	Temporal Maps leading to new views in Spatial Analys	is
PT2-14	High-precision open lidar data enable new possibilities fo	or spatial analysis in the canton of	16:50-17:15	Andy Eschbacher (CartoDB), Andrew Hill, Aurelia Moser	
13:25-13:50	Zurich/Switzerland		PT3-04	Visualizing geographical data made extremely easy by	SLD Editor!
	Priska Haller (Canton of Zurich, Department of Geoinformation)		17:15-17:40	Hanna Visuri (National Land Survay of Finland)	



16:00-17:40	SESSION 3-2: Hacks and Mashes Room 9 (2F, K Avenue)	
PT3-05 16:00-16:25	Mapping the world beyond 3857 Andrea Aime (GeoSolutions)	
PT3-06 16:25-16:50	Live monitoring of ski tracks in Norway Kjartan Bjørset (Norkart)	
PT3-07 16:50-17:15	Catalog on the fly satellite images Luiz Motta (IBAMA)	
PT3-08 17:15-17:40	An image browser for the Planet Alessandro Isaacs (Planet Labs), Tim Schaub, Jared Volpe	
16:00-17:15	SESSION 3-3: Big Data with Open Source GIS Room 10 (3F, K Avenue)	
PT3-09 16:00-16:25	Big data analysis with Tile Reduce and Turf.js Tom Lee (Mapbox), Alex Barth	
PT3-10 16:25-16:50	Spatial Tajo : Supporting Spatial Queries on Apache Tajo Hyungu Cho (Kunsan National University)	
PT3-11 16:50-17:15	The Case Study of Tourism Trend in S.Korea Based on Geospatial Big Data Analysis Bo Rin Jung (GIS United), Jinhee Lee, Suh-ho Lee	
16:00-17:15	SESSION 3-4: Visualisation with Open Source GIS Room 11 (3F, K Avenue)	
PT3-12 16:00-16:25	A simple way to create a web infographic map: For public data and private data Hanjin Lee (Mango System Inc.)	
PT3-13 16:25-16:50	Accelerating GeoSpatial Data Analytics With Pivotal Greenplum Database Kuien Liu (Pivotal Software, Inc.), Yandong Yao	
PT3-14 16:50-17:15	Mobmap as a visualization platform for spatio-temporal data Hiroaki Sengoku (Microbase.lnc), Satoshi Ueyama	
16:00-18:05	ACADEMIC TRACK 3-1: New Trends Room 12 (B1F, K Avenue)	
AT3-01 16:00-16:25	Usability Engineering For Successful Open Citizen Science Jan Alexander Wirwahn (Institute for Geoinformatics, University of Münster), Thomas Bartoschek	
AT3-02 16:25-16:50	Development of Data Archiving and Distribution System For the Philippines' LiDAR Program Using Object Storage Systems Ken Abryl Eleazar Salanio (University of the Philippines), Carlo Santos, Ruby Magturo, Gene Paul Quevedo, Kenan Virtucio, Kenneth Langga, Mark Edwin Tupas, Enrico Paringit	
AT3-03 16:50-17:15	Object-Based Building Boundary Extraction From Lidar Data Samsung Lim (University of New South Wales), You Shao	
AT3-04 17:15-17:40	The Development of Web 3D-based Open-pit Mine Monitoring System Se Yul Kim (Sangji University), Ji Ho You, Hyun Jik Lee, Byung Jin Jang, Dong Gook Lee	

17:40-18:05	Kangsan Lee (Kyung Hee University), Jinwoo Park, Jinmu Choi		
16:00-17:40	SESSION 3-5: SDI	Room 13 (B1F, K Avenue)	
PT3-15 16:00-16:25	geOrchestra, a free, modular and secure SDI Frrancois Van Der Biest (Camptocamp), Florent Gravin, Jesse Eid	char	
PT3-16 16:25-16:50	Metadata Management for Spatial Data Infrastructures Kim Durante (Stanford University)		
PT3-17 16:50-17:15	Intelligent SDIs with MapMint 2.0 Gerald Fenoy (GeoLabs), Nicolas Bozon, Venkatesh Raghavan		
PT3-18 17:15-17:40	The development of a geospatial creating system for National Spatial Data Infrastructure. Jong-hun Lee (Geospatial Information Technology Co.Ltd)		
17:40-18:30	BoF (Bird of a Feather) Meeting		
18:30-19:00	Keynote Talk 2	Grand Ballroom B (2F, Convention)	
18:30-19:00	Keynote Talk 2 FOSS4G for the 5Ps Mr. Kyoung-Soo Eom, Chief of United Nations Geospatial Inform	, ,	
18:30-19:00 19:00-19:20	FOSS4G for the 5Ps	, ,	
	FOSS4G for the 5Ps Mr. Kyoung-Soo Eom, Chief of United Nations Geospatial Inform	nation Section	

AT3-05 A Comparison of Image Aligning and Correcting Software with an Unmanned Aerial System



September 16, Wednesday

Room 8 (1F, K Avenue)

UN Special Session

10:50-11:50 FOSS4G - UN Special Session

"Open Source GIS in United Nations and Developing Countries"

UNSS1-01 10:50-11:10	Public Health, UN SDG Goal 3 IMPROVING PUBLIC HEALTH DELIVERY IN NORTHERN NIGERIA USING OPEN SOURCE TECHNOLOGIES Dami Sonoiki (eHealth Africa), Kazeem Owolabi, Nicolas Gignac	
UNSS1-02 11:10-11:30		
UNSS1-03 11:30-11:50	Protecting the Planet, UN SDG Goal 15 Protecting the Planet with Postgis: How we are calculating complex protected area coverage statistics for all countries in the world. Miguel Torres (UNEP-WCMC)	
11:50-13:30	Lunch	
13:30-16:00	UN - LH Joint Seminar Room 8 (1F, K Avenue)	
13:30-14:00	Opening Congratulatory Speech Dr. In-Keun Lee, Head of Land and Housing Research Institute Welcome Speech Mr. Jeff McKenna, President of OSGeo	
	Keynote Speech Mr. Kyoung-Soo Eom, Chief of United Nations Geospatial Information Section	
UNSS1-04 14:00-14:20	Open Source and Open Data for Smart Cities in Developing Countries: African Perspective Prof. Serena Coetzee, Pretoria University, South Africa	
UNSS1-05 14:20-14:40	Making cities and human settlement, UN SDG 11: Saving Rapid Urbanizing Cities using the FOSS4G Based Spatial Analysis for Urban Development Dr. Junyoung Choi (Korea Land and Housing Corporation), Hyunsoo Kim, Jaeseong Ahn, Jungik Kim	
UNSS1-06 14:40-15:00	Future direction for using FOSS4G: Case of Managing Early warning Systems for Monitoring Natural Hazards in El Salvador Ms. Jacqueline Rivera, El Salvador, University of Seoul	

15:00-15:20 Coffee Break

15:20-16:00 Panel Discussion

Moderator: Dr. Jungwhan Seong, Director of LH

Panel: Mr. Kais Zouabi, Chief of UN Geospatial Information Service Setion

Mr. Guillaume Criloux, Chief of Geo-Operations Unit of UN Geospatial Information Section

Prof. Maria Antonia Brovelli, Politecnico di Milano

Prof. Youngmi Kim, Sangmyung University

Dr. Jungik Kim, Spatial Information Office, LH Corp.



Sep.17 (Thu)

September 17, Thursday

Academic & Regular

09:30-10:00	Keynote Talk 3	Grand Ballroom B (2F, Convention)
	Open Data, Open Standards, and Open/Proprietary Technologies Mr. Kuo-Yu slayer Chuang, Delegate of Open Geospatial Consortium	
10:00-10:30	Keynote Talk 4	Grand Ballroom B (2F, Convention)
	Building What Lasts: The Sustainability of Open Sour Ms. Alyssa Wright, Vice President of Mapzen	rce for Tomorrow
10:30-11:00	Coffee Break	Grand Ballroom Lobby (2F, Convention) Room 9 Lobby (2F, K Avenue)
11:00-11:50	SESSION 4-1: Hacks and Mashes	Grand Ballroom B (2F, Convention)
PT4-01 11:00-11:25	Stuffing your vector tiles full of data Robert P. V. Nordan (Norkart AS)	
PT4-02 11:25-11:50	GeoServer on steroids Andrea Aime (GeoSolutions), Simone Giannecchini	
11:00-12:00	ASIA SPECIAL SESSION 1-1: Mapping	Room 9 (2F, K Avenue)
ASS1-02 11:00-11:20	Sapporo Childcare Map: Making the city a little better with FOSS4G Mayumi Kubo (Code for Sapporo)	
ASS1-03 11:20-11:40	Localized Landmark model based on OSM data for Socialized Landmark based Navigation System Pasindu Chandrasekara (Sri Lanka Institute of Information Technology), Thejaka Mahaulpatha, Nimalika Fernando	
ASS1-04 11:40-12:00	Automatic field data collection based on mobile GIS Nguyen Dung (Hanoi University of Mining and Geology), Tran Trung Chuyen	
11:00-12:15	SESSION 4-2: New-born Business Solution	Room 10 (3F, K Avenue)
PT4-04 11:00-11:25	Dynamic dashboards with D3.js and CartoDB John Powell (Emapsite)	
PT4-05 11:25-11:50	New opensource geospatial software stack from NextGIS Maxim Dubinin (NextGIS)	
PT4-06 11:50-12:15	Radically Open: The Mapzen Platform Alyssa Wright (Mapzen)	

11:00-12:15	SESSION 4-3: Project Development & Policy Room 1	1 (3F, K Avenue)					
PT4-07 11:00-11:25	3						
PT4-08 11:25-11:50	OGC GeoPackage in practice: Implementing a new OGC specification with open-source tools Nathan Frantz (US Army), Steven Lander, Michael Lee						
PT4-09 11:50-12:15	Cadasta: Securing Property Rights with Open-Source Kate Chapman (Cadasta Foundation)						
11:00-12:15	ACADEMIC TRACK 4-1: Enhancement & Improvement Room 12	(B1F, K Avenue)					
AT4-01 11:00-11:25							
AT4-02 11:25-11:50	Results of an Evaluation of Augmented Reality Mobile Development Frameworks For Addresses in Augmented Reality Daniel Jooste (University of Pretoria), Victoria Rautenbach, Serena Coetzee						
AT4-03 11:50-12:15	Landmark Based Path Planning And Linear Path Generation For Mobile Map Applications Thejaka Mahaulpatha (Sri Lanka Institute of Information Technology), Pasindu Chandrasekara, Dananjaya Thathsara, Irendra Koswatta, Nimalika Fernando						
12:15-13:25	Lunch Four Seasons	(1F, Convention)					
13:25-15:05	SESSION 5-1: Project Development Grand Ballroom B	(2F, Convention)					
PT5-01 13:25-13:50							
PT5-02 13:50-14:15							
PT5-03 14:15-14:40		•					
PT5-04 14:40-15:05	•						
13:25-14:45	ASIA SPECIAL SESSION 2-1: Web and Framework Room	9 (2F, K Avenue)					
ASS2-01 13:25-13:45	3-1						
ASS2-02	WebSAFE: Developing an Online Exposure and Risk Assessment Tool for the	Philippines					

13:45-14:05 Ivan Lester Saddi (DOST Project NOAH), Ramon Ayco Jr



Sep.17 (Thu)

ASS2-03 14:05-14:25 ASS2-04 14:25-14:45	GIRS – OPEN SOURCE WEBGIS SOLUTIONS TO BUILD Thành Long Đỗ (GIS and Remote Sensing Research Center) The framework database of glossary for geodesy and Zolzaya Lkhamsuren (Mongolian Geospatial Association), B SESSION 5-2: Various Application of Open Source GI	GIS layarmaa Enkhtur, Ochirkhuyag Lkhamjav
PT5-05	GIS-modelling of long-term consequences after a nuc	lear accident
13:25-13:50 PT5-07 13:50-14:15	Martin Ytre-Eide (Norwegian Radiation Protection Authorit A spatial view in the culture heritage domain Jacob Mendt (Saxon State and University Library Dresden)	
PT5-08 14:15-14:40	Mapping in GeoServer with SLD and CSS Andrea Aime (GeoSolutions)	
13:25-15:05	SESSION 5-3: Work Efficiency with Open Source GIS	Room 11 (3F, K Avenue)
PT5-09 13:25-13:50	Case study: A full-fledged cutting-edge FOSS4G map p Jakob Ventin (National Land Survey of Finland)	roduction system
PT5-10 13:50-14:15	Open Source and Open Standard based decision supp the example of lake Verbano floods management. Massimiliano Cannata (SUPSI), Milan Antonovic	ort system:
PT5-11 14:15-14:40	Decision-making system for grants for maintaning ser Anders Dahlgren (Tillväxtanalys (Swedish public authority))	
PT5-12 14:40-15:05	Use case of a dual open strategy in the canton of Zurio Priska Haller (Canton of Zurich, Department of Geoinformat	
13:25-14:40	ACADEMIC TRACK 5-1: Case Study	Room 12 (B1F, K Avenue)
AT5-01 13:25-13:50	An Open Source Web Service For Registering and Mar Anusuriya Devaraju (CSIRO Mineral Resources Flagship), Jo	
AT5-02 13:50-14:15	Developing a Land Use Database of the Kanto Region, Nobusuke Iwasaki (National Institute for Agro-Environment Naoko Fujita, Ikuhiro Teramoto, Hiroshi Yamaguchi	•
AT5-04 14:15-14:40	Integrating Open Source GIS Software in Undergradua Outreach - Recent Experiences at Salisbury University Arthur J. Lembo (Salisbury University)	
15:05-15:30	Coffee Break	Grand Ballroom Lobby (2F, Convention) Room 9 Lobby (2F, K Avenue)

15:30-16:45	SESSION 6-1: Utilization of various Open Source	Grand Ballroom B (2F, Convention)					
PT6-01 15:30-15:55	· · · · · · · · · · · · · · · · · · ·						
PT6-02 15:55-16:20	The OpenStreetMap Revolution Tom Lee (Mapbox), Alex Barth						
PT4-03 16:20-16:45	Migrating from Google Earth API to Cesium Hidenori Watanave (Tokyo Metropoitan University)						
15:30-16:30	ASIA SPECIAL SESSION 3-1: Improvement	Room 9 (2F, K Avenue)					
ASS3-02 15:30-15:50	Development of GIS Tool for the Solution of Chinese Post Improvement Algorithm: A case study of Pune city, India Sachin Bhusare (IIRS, DEHRADUN), Hari Shankar, Prabhakar A	•					
ASS3-03 15:50-16:10	Continuous Improvement of the NOAH Initiative through to Open Source Software Ivan Lester Saddi (DOST Project NOAH), Jobyn Marmol, Eric Ja						
ASS3-04 16:10-16:30	Proposal of Water Pollution Sources Management based Han Kang (National Institute of Environmental Reserch)	on Open Source GIS					
15:30-16:45	SESSION 6-2: New Open Source GIS Trend II	Room 10 (3F, K Avenue)					
PT6-04 15:30-15:55	Open Source for Handling IndoorGML Ki-Joune Li (Pusan National University), Hyunggyu Ryoo, Dong	uk Seo					
PT6-05 15:55-16:20	Sensor up your connected applications with OGC Sensor Steve Liang (University of Calgary)	Things API					
PT6-06 16:20-16:45	istSOS: latest developments and first steps into the OSGe Massimiliano Cannata (SUPSI), Milan Antonovic, Mirko Cardo:	•					
15:30-17:10	SESSION 6-3: Project Development	Room 11 (3F, K Avenue)					
PT6-07 15:30-15:55	OpenLayers 3 Feature Frenzy Tim Schaub (Planet Labs), Eric Lemoine, Andres Hocevar						
PT6-08 15:55-16:20	GeoNetwork 3 Florent Gravin (Camptocamp), Francois Prunayre, Jeroen Tiche	ler					
PT6-09 16:20-16:45	Route Planning in your Database with pgRouting Vicky Vergara (Georepublic), Daniel Kastl						
PT6-10 16:45-17:10	MapServer #ProTips 2 Jeff McKenna (OSGeo), Michael Smith						

September 18, Friday



15:30-17:35	ACADEMIC TRACK 6-1: Disaster and Disease	Room 12 (B1F, K Avenue)				
AT6-01 15:30-15:55	Advances in Civic Co-management within the Geospati Disaster Risk Management Tomas Holderness (University of Wollongong), Etienne Turpin, R					
AT6-02 15:55-16:20	Flood Hazard Mapping of Lower Indus Basin Using Multi-Criteria Analysis Saba Zehra (University of Karachi), Sheeba Afsar					
AT6-03 16:20-16:45	Evaluation of an Open-source Collaborative WebGIS Prototype in Risk Management with Students Zar Chi Aye (University of Lausanne), Marie Charrière, Roya Olyazadeh, Marc-Henri Derron, Michel Jaboyedoff					
AT6-04 16:45-17:10	An Open-Source WebGIS Platform For Rapid Disaster In Roya Olyazadeh (University of Lausanne), Zar Chi Aye, Miche	•				
AT6-05 17:10-17:35	Evaluating Flood Hazard Potential in Danang City, Vietnam Using FOSS4G An Tran Thi (Osaka City University), Venkatesh Raghavan, Shinji Masumoto, Susumu Nonogaki, Tatsuya Nemoto, Vinayaraj Poliyapram, Go Yonezawa					
17:10-18:00	AGM (Annual General Meeting) for OSGeo Foundation	Grand Ballroom B (2F, Convention)				
18:00-18:30	Keynote Talk 5	Grand Ballroom B (2F, Convention)				
	Where do we go from here? The next 10 years of open s Mr. Paul Ramsey, Solutions Architect of CartoDB	ource geospatial				
18:30-19:30	Social Drinks	Grand Ballroom Lobby (2F, Convention)				

Academic & Regular

	· ·	
09:30-10:00	Keynote Talk 6	Grand Ballroom B (2F, Convention
	Citizen Science, VGI, Geo- CrowdSourcing, Big Geo D FOSS4G Community Prof. Maria Antonia Brovelli, Vice Rector of Politecnico di N	•
10:00-10:30	Keynote Talk 7	Grand Ballroom B (2F, Convention
	QGIS - from a geodata viewer to a GIS platform Dr. Marco Hugentobler, Managing Director of Sourcepole A	AG
10:30-11:00	Coffee Break	Grand Ballroom Lobby (2F, Convention Room 9 Lobby (2F, K Avenue
11:00-12:15	SESSION 7-1: Best GIS Solution	Grand Ballroom B (2F, Convention
PT7-01 11:00-11:25	CartoDB Basemaps: a tale of data, tiles, and dark mater Alejandro Martínez (CartoDB)	ter sandwiches
PT7-02 11:25-11:50	Map publishing with or without programming skills Timo Aarnio (National Land Survey of Finland)	
PT6-03 11:50-12:15	Opening Address Data around the World Tom Lee (Mapbox)	
11:00-12:15	SESSION 7-2: Hacks and Mashes	Room 9 (2F, K Avenue
PT7-03 11:00-11:25	Fast Cache, Fresh data. Can we have it all? Henrik Lund Pedersen (Norwegian Mapping Authority)	
PT7-04 11:25-11:50	Tempus, a new OpenSource platform for Multimodal r Vincent Picavet (Oslandia)	outing
PT7-05 11:50-12:15	PostTrajectory: Querying and Managing GPS and Traj Ki Hyun Yoo (Kunsan National University)	ectories on Postgresql/PostGIS
11:00-11:50	SESSION 7-3: Safety	Room 10 (3F, K Avenue
PT7-06 11:00-11:25	Analyzing Fire Department Response with PostGIS Paul Wickman (Flat Rock Geographics)	
PT7-07 11:25-11:50	External Radiation Exposure Estimation by OGC-based Kyoung-Sook Kim (AIST), Hirotaka Ogawa, Isao Kojima	d Sensor Information Platforms
11:00-12:15	SESSION 7-4: Hacks and Mashes	Room 11 (3F, K Avenue

PT7-08 Research client side draggable route selection with pgRouting
11:00-11:25 Ko Nagase (Georepublic Japan LLC.)

Sep.17 (Thu)



PT7-09 11:25-11:50	Building and integrating a Continuous-Integration system Steven Lander (Reinventing Geospatial, Inc)	within your open source project			
PT7-10 11:50-12:15	WalkLite in Mobile GIS: A Schema to Extend and Symbolia Xian Chen (Zhejiang Walkinfo Technology Corporation)	ze SpatiaLite			
11:00-11:50	ACADEMIC TRACK 7-1: Big Data	Room 12 (B1F, K Avenue)			
AT7-01 11:00-11:25	Analysis of Spatial Density Utilizing the Big Data of Floatin Hailin Kim (Hankuk Academy of Foreign Studies)	ng Population of Seoul City			
AT7-03 11:25-11:50	Geosocial Big Data Analysis Using Python and FOSS4G with the Case Study of Korean Data Ilyoung Hong (Namseoul University)				
11:00-12:15	SESSION 7-5: For the Better GIS Business	Room 13 (B1F, K Avenue)			
PT7-11 11:00-11:25	Giving Away the Code Without Giving Away the Farm: A Business Model for Open Source Entrepreneurs Blaine Hackett (Flat Rock Geographics), Paul Wickman				
PT7-12 11:25-11:50	Earning Your Support Instead of Buying it: A How-to Guide lan Turton (Computational Geographer)	to Open Source Assistance			
PT7-13 11:50-12:15	Location-based Task Management for Mobile Business Daniel Kastl (Georepublic)				
12:15-13:25	Lunch	Four Seasons (1F, Convention)			
13:25-15:05	SESSION 8-1: Innovative usage of Open Source GIS	Grand Ballroom B (2F, Convention)			
PT8-01 13:25-13:50	Everybody wants (someone else to do) it: Writing documer Jody Garnett (Boundless), Mike Pumphrey	ntation for open source software			
PT8-02 13:50-14:15	Semantic assessment and monitoring of crowdsourced ge Hamish Mcnair (University of Canterbury), Paul Goodhue	ographic information			
PT8-03 14:15-14:40	COBWEB, a citizen science data collection platform Panagiotis Terzis (University of Edinburgh, EDINA)				
PT8-04	How to build a succesful co-operation around your FOSS s Jani Kylmäaho (National Land Survey of Finland)	software - case Oskari			
14:40-15:05	odni kylinadno (National Land Odrvey of Fililand)				
14:40-15:05 13:25-15:05	SESSION 8-2: Project Development	Room 9 (2F, K Avenue)			
		lobile devices and Web pages			

PT8-07 14:15-14:40	The way to go with WPS Espen Messel (FFI), Knut Landmark
PT8-08 14:40-15:05	Towards GeoExt 3 – Supporting both OpenLayers 3 and ExtJS 6 Marc Jansen (Terrestris GmbH & Co. KG), Christian Mayer
13:25-14:40	SESSION 8-3: Policy Room 10 (3F, K Avenue)
PT8-09 13:25-13:50	Using the latest ISO standard for geographic information (ISO19115-1:2014) Francois Prunayre (titellus)
PT8-10 13:50-14:15	GIS Policy Map for Local Government in Korea: Story of Dobong-gu, Seoul Yongjae Park (GIS United)
PT8-11 14:15-14:40	triple-A for the environment: make IT simply better Arnoud De Boer (Geonovum)
13:25-14:40	SESSION 8-4: Hacks and Mashes Room 11 (3F, K Avenue)
PT8-14 13:25-13:50	Push it through the wire! Push it more, if it's wireless! Jachym Cepicky (OSGeo)
PT8-15 13:50-14:15	On simulation and GIS, coupling and hydrology Vincent Picavet (Oslandia)
PT8-16 14:15-14:40	Model complexity and service chaining patterns: impact on geospatial web processing service performance Ebrahim Poorazizi (University of Calgary), Andrew Hunter
13:25-15:05	ACADEMIC TRACK 8-1: Hacks and Mashes Room 12 (B1F, K Avenue)
AT8-02 13:25-13:50	Image Geocoding as a Service Jorge Gustavo Rocha (Universidade do Minho), Nuno Amorim, Paulo Almeida
AT8-03 13:50-14:15	An On-board Visual-based Attitude Estimation System For Unmanned Aerial Vehicle Mapping Samsung Lim (University of New South Wales), M. Ridhwan Tamjis
AT8-04 14:15-14:40	Modifications to Web Processing Service Standard For Client-Side Geoprocessing Evgeny Panidi (Saint-Petersburg State University), Eduard Kazakov, Anton Terekhov, Evgeny Kapralov
AT8-05 14:40-15:05	FREEWAT: FREE and open source tools for WATer resource management Massimiliano Cannata (SUPSI)
13:25-15:05	SESSION 8-5: Hacks and Mashes Room 13 (B1F, K Avenue)
PT8-17 13:25-13:50	Taking dynamic web mapping to 1:100000 scale Alejandro Martínez (CartoDB)
PT8-18 13:50-14:15	MapCache: Fast and Featureful tile serving from the MapServer project Thomas Bonfort (Terriscope)

Sep.18 (Fri)



Sep.18 (Fri)

PT8-19 14:15-14:40	Deploying Emergency Routing Web Processing Servic Chingchai Humhong (Faculty of Agricultural Natural Resource Sittichai Choosumrong, Venkatesh Raghavan, Daisuke Yosh	s and Environmental Naresuan University),
PT8-20 14:40-15:05	Advanced Security with GeoServer and GeoFence Andrea Aime (GeoSolutions), Simone Giannecchini	
15:05-16:00	Coffee Break & Poster Session Presentation	Grand Ballroom Lobby (2F, Convention) Room 9 Lobby (2F, K Avenue)
16:00-17:15	SESSION 9-1: Benchmarks	Grand Ballroom B (2F, Convention)
PT9-01 16:00-16:25	Leaflet vs. OpenLayers: which is best for our indoor ma lván Sánchez Ortega (MazeMap)	aps?
PT9-02 16:25-16:50	WPS Benchmarking Session Benjamin Pross (52°North GmbH), Gérald Fenoy, Jody Garne	ett
PT9-03 16:50-17:15	OSGeo and LocationTech Comparison Jody Garnett (Boundless)	
16:00-17:15	SESSION 9-2: Hacks and Mashes	Room 9 (2F, K Avenue)
PT9-04 16:00-16:25	Raster Data In GeoServer And GeoTools: Achievement Andrea Aime (GeoSolutions), Simone Giannecchini	s, Issues And Future Developments
PT9-05 16:25-16:50	GeoCouch: Operating multidimensional data at scale v Volker Mische (Couchbase)	vith Couchbase
PT9-06 16:50-17:15	OpenStreetMap Geo-Processing Amir Pourabdollah (The University of Nottingham), Jeremy	Morley, Steven Feldman
16:00-16:50	SESSION 9-3: Disaster and Disease	Room 10 (3F, K Avenue)
PT9-07 16:00-16:25	Use case of Disaster Management System by using Geo Hirofumi Hayashi (Applied technology Co.,Ltd.), Venkatesh R	
PT9-08 16:25-16:50	A framework for assessing location-based personalize infectious disease transmission Hsu Ching-Shun (National Taiwan University), Tzai-Hung W	·
16:00-16:50	SESSION 9-4: Hacks and Mashes	Room 11 (3F, K Avenue)
PT9-10 16:00-16:25	Gis Server with Golang Kyoung Tae Doh (Samsung SDS)	
PT9-11 16:25-16:50	CourtVisionPH: A System for the Extraction of Field Go Spatial Analysis of Shooting Using Broadcast Basketb Ben Hur Pintor (University of the Philippines)	-

16:00-17:15	ACADEMIC TRACK 9-1: Benchmarks & SDI	Room 12 (B1F, K Avenue)				
AT9-01 16:00-16:25	Analysing the Performance of NoSQL vs SQL Databases with Respect to Routing Algorithms Sarthak Agarwal (IIIT Hyderabad), KS Rajan					
AT9-02 16:25-16:50	An Evaluation of Open Source Geographic Information Systems Routing Tools in Vaccine Deilvery in Kano State, Northern Nigeria Kehinde A. Adewara (eHealth Africa)					
AT9-03 16:50-17:15	A Cross National Comparison on the Awareness of Adop in Developing Countries Junyoung Choi (Korea Land and Housing Corporation), Hyunta	·				
16:00-16:50	SESSION 9-5: Education & Hacks and Mashes	Room 13 (B1F, K Avenue)				
PT9-12 16:00-16:25	How can the students get Geospatial Information and make a map by using the FOSS4G Kenya Tamura (Tokyo Metropolitan University/ MAPconcierge Inc.), Masashi Ozaki, Hiroyuki Yamauchi					
PT9-13 16:25-16:50	MapWindow Plug-in of GRM Model Using Open Source Software Yunseok Choi (Korea Institute of Civil Engineering and Building Technology), Youngho Je, Kyungtak Kim					
17:20-17:30	Lightning Talk 3	Grand Ballroom B (2F, Convention)				
	OSGeoLive: the best collection of Geospatial Freee and of Mr. Luca Delucchi (Fondazione Edmund Mach)	Open Source Softwares				
17:30-17:50	Keynote Talk 8	Grand Ballroom B (2F, Convention)				
	Global Vision: The Open Source Geospatial Foundation Mr. Jeff McKenna, President of OSGeo					
17:50-18:30	Closing Ceremony & Awards	Grand Ballroom B (2F, Convention)				



Poster

Session September 16-18

Presentation September 16 (Wed), 18 (Fri), 15:05-16:00 / Room 9 Lobby (2F, K Avenue)

PO-01 Mobile Application of Open Source Stack to Geo-based Data Visualization on E-Government Web Framework

Kwangseob Kim (Hansung University), Hanseam Park, Kiwon Lee

PO-02 Geo-based Image Analysis Service in Open Source Cloud Computing Environment

Sanggoo Kang (Hansung University), Guseon Yoon, Kiwon Lee

PO-03 WebGIS-based Natural Disaster Information System of China

Jia Du (Institute of Geographic Sciences and Natural Resources Research, CAS), Yaping Yang, Xiafang Yue, Wenlong Jing

PO-04 GeoDjango-Framwork-based Population and Social Economic Information System For China

Xiaodan Zhao (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences), Wenlong Jing, Yaping Yang, Jia Du, Xiafang Yue

PO-05 Land Suitability Assessment For Cash Crops Using Geospatial Techniques

Albert B. Jubilo (Ateneo de Davao University), Glenn Depra, Aurecel Laplana-Alejandro

PO-06 Research on Voyage Navigation S/W Development Architecture Using Open Source Base GIS Modules

Jiyoon Kim (OSGeo Korea), Jun Ho Lee

PO-07 Experiments on Long-term Geodetic Monitoring by Low-cost GNSS Receivers and GoGPS Positioning Engine

Daisuke Yoshida (Osaka City University), Eugenio Realini, Stefano Caldera, Masayuki Uchida

PO-08 Development of an Agent Based Urban Simulation Model

Donghan Kim (Korea Research Institute for Human Settlements)

PO-09 Semi-automated Building Footprint Extraction, Delineation and 3D Visualization of the University of the Philippines Main Campus From LiDAR Data Using GIS-Based Open Source Software

Jara Kaye Villanueva (UP TCAGP Phil-LiDAR 2), Ma. Rosario Concepcion Ang, Loureal Camille Inocencio, Ma. Victoria Reiuso

PO-10 3D Visualization of CityGML Building Data on World Wind

Vishal Tiwari (International Institute of Information Technology Hyderabad), KS Rajan

PO-11 Crowd-2-Cloud - Remote Sensing Land Cover Verification with Crowd-sourcing Data

Moataz Ahmed (University of Nottingham), Dai Huynh, Darshana Wickramasinghe, Tuong Thuy Vu

PO-12 House Number Interpolation For Route Planning Applications

Stefan Funke (University of Stuttgart), Sabine Storandt

PO-13 Solar Energy Resource Assessment Using R.sun in GRASS GIS and Site Suitability Analysis Using AHP For Ground-mounted Solar Photovoltaic (PV) Farms in the Central Luzon Region (Region 3), Philippines

Ben Hur Pintor (University of the Philippines), Eula Fae Sola, Justine Teves, Loureal Camille Inocencio, Ma. Rosario Concepcion And

PO-14 Distributed Agents For Contextual Online Searches

Elizabeth-Kate Gulland (Curtin University), Simon Moncrieff, Geoff West

PO-15 Introduction to a New Geo-referenced Street Level Content : 3D GeoPano

Boram Yoon (The University of Seoul), Impyeong Lee

PO-16 GIS Oriented Service Optimization Tool For Fecal Sludge Collection

Mohammad Dalower Hossain (Asian Institute of Technology), Sarawut Ninsawat, Shulaxan Sharma, Thammarat Koottatep, Yuttachai Sarathai

PO-17 A Study of the Development and Distribution of Open Geospatial Data in Japanese Local Governments

Toshikazu Seto (CSIS of the University of Tokyo), Yoshihide Sekimoto, Shu Higashi

PO-18 Neo-geography and Geography Education in the Japanese Universities

Yuichiro Nishimura (Nara Women's University)

PO-19 Modeling of Terminology Database in Field of Geodesy and Geographic Information System

Zolzaya Lkhamsuren (Mongolian Geospatial Association), Oyuntsetseg Dash, Alimaa Jargalsaikhan, Ochirkhuyag Lkhamiav

PO-20 Vulnerability Assessment Using Free and Open Source Software (FOSS) and Open Source Data: Talomo District . Davao City. Philippines

Glenn Depra (Ateneo de Davao University)

PO-22 Lightweight Urban Computation Interchange (LUCI) System

Lukas Treyer (ETH Zurich), Bernhard Klein, Reinhard Koenig, Christine Meixner

PO-23 Development of Opensource-based Photogrammetric UAV System Using Smart Camera

Jinwoo Park (Pukyong National University), Hohyun Jung, DongYoon Shin, Chuluong Choi

PO-24 Case Study: Mapping Mangroves and Coastal Wetlands

CChristopher Dubia (MapWorks Learning), Kent Lewis, Andy Long



Code Sprint

Date September 19 Saturday, 2015

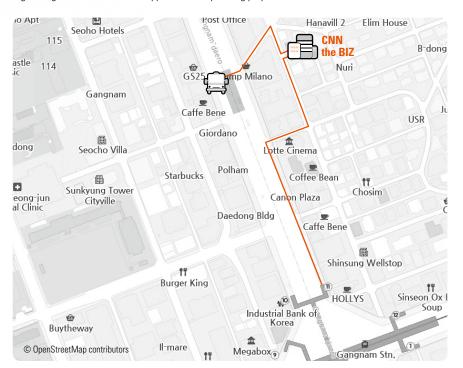
Time 09:00-18:00

Venue CNN the Biz Gangnam Education & Training Center #301

The Code Sprint provides the opportunity for projects members to get together to make plans, work on new features, write documentation and generally collaborate. We provide comfortable facilities with all the power and wifi you could need, it's up to the individual projects to decide what the time is used for.

A code sprint is obviously a place for developers it's worth remembering that it's not just about writing code — as we all know a project has many needs including documentation, testing, and providing feedback. What better way to give feedback and give back to the project that you love than to spend a day with the project's developers. There are roles that need to be filled, no matter what your expertise.

Everyone is welcome. You don't need to register or attend FOSS4G to attend the Code Sprint, although registering on the OSGeo wiki is appreciated for planning purposes like coffee and food.



Smart Geospatial Expo

Date September 15 (Tue) – 17 (Thu), 2015

Host Ministry of Land, Infrastructure and Transport (MOLIT)

Organizers Korea Cadastral Survey Corporation (LX)

Korea Land and Housing Corporation (LH)

Korea Research Institute for Human Settlement (KRIHS) Spatial Information Industry Promotion Institute (SPACEN) Korean Association of Surveying & Mapping (KASM)

Participants Approximately 5,000 including distinguished guests from abroad, buyers, domestic/

international companies, public institutions, and the general public

Language English, Korean (on Working Level Forum)

Venue The-K Hotel, Seoul, Republic of Korea

Program Details

^{*} Whole programmes are open to FOSS4G participants except Working Level Forum. (Partially available – 'Information Session on Companies' Spatial Information Technologies)



Program Schedule

Time	S	ep 15 (TUE)		Sep 16 (WED)		Sep 17 (THU)	
09:00~10:00				Global Spatial Information Trends and Cooperation (Part I) 09:00~10:10		Presentations on Korean Case-studies of Spatial Information Application 09:00-10:15	
10:00~11:00				Coffee Break 10:10~10:25		Coffee Break 10:15~10:30	
11:00~12:00				Participating Countries' Presentation on their Spatial Information Status (Part II) 10:25~11:45		Working Level Forum 10:30~12:30	
12:00~13:00	Registration		on Hall	Consultation (Part III) 11:45~12:30	ide Events		Events
13:00~14:00			Arrival / Promotion Hall	Luncheon 12:30~14:00	Promotion Hall / Conference / Side Events	Farewell Luncheon 12:30~14:00	Promotion Hall / Conference / Side Events
14:00~15:00		Conference / Side Events 13:30~16:00 Information Session on Invitational Workshops 16:00-17:00	Conference / Side Events	Korean Companies' Presentations on Spatial Information Technology	motion Hall /		otion Hall / Co
15:00~16:00	Opening		14:00~15:45	Pro		Prom	
16:00~17:00	Ceremony 15:00~ 17:00			Coffee Break 15:45–16:00 Business Meetings	_	Tour 14:30~19:00	
17:00~18:00				16:00~18:00			
18:00~19:00		Icome Dinner 7:30~19:00					
19:00~20:00							_
20:00~21:00				Gala Dinner 19:30~21:00			

September 16 (Wed), 14:00~15:45

Information Session on Korean Companies' Spatial Information Technologies

- Introduction of cutting-edge technologies possessed by Korean companies
- Venue: Bipa Hall, 3F, The-K Hotel
- Program: Introduction of local companies and organizations in the spatial information business, which have interested in or a plan for entering the overseas market & their technologies
- Presentation: Hosts (LX, LH) & Leading local companies in the spatial information business

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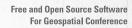


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