

International Union for Geological Science  
 Geoscience for Environmental Management  
 Man-Made strata and Geopollution Working Group

## 5<sup>th</sup> International Man-Made Strata and Geopollution Symposium

### Itinerary

4<sup>th</sup> September, 2015(Fri.) 10:00~17:00

#### Field trip:

Brown fields, Land filled area with high risk on geological disasters and  
 Environmental monitoring system of waste disposal site facing Tokyo bay

### 5<sup>th</sup> September, 2015(Sat.)

Urayasu Culture Hall, Middle meeting room(09:30-17:00) (Max72名)

Nekozone 1-1-2,Urayasu,Chiba279-0004

#### Opening Remarks

1. "Geoscience of the Anthropocene - a proposed new international initiative"  
 .....Brian Marker (Secretary General of IUGS-GEM) ,
2. Earth fill of embankment and sediment in the Sayama-ike Pond, southwest Japan -  
 As the marker on environmental change and former disaster .....  
 . . . . . Muneki Mitamura ( Osaka City  
 University)
3. Differences of geological hazards by liquefaction-fluidization and *Jinami* (ground wave)  
 between in the area facing Tokyo Bay and San- Francisco Bay . . . . .
4. Holocene sediments facing the east coast of the Tokyo Bay including Urayasu  
 City . . . . . Ishiwata Shigeko(Kisojiban.co) (be in negotiation)
5. *Jinji* Unconformity and Man-made strata in Tokyo Bay Area . . . . .  
 Nirei Hisashi, Hiyama Tomoyo, Mashiko Sachiko, Kazaoka Osamu, Takahata Hideyo,  
 Uzawa Masaki, Kimua Kazuya,Nirei Wataru, Uesuna Shoichi, Sato, Oketani and  
 Kuzuoak Hitoshi
6. The developing history of filling land and Liquefaction-Fluidization in Urayasu City  
 . . . . . Atsushi Kagawa, Kunio Furuno, Takashi Kusuda, Yutaka Sakai,  
 Takeshi Yoshida, Osamu Kazaoka
7. Geological Hazards and Liquefaction in Urayasu City . . . . . Koarai Mamotu ( Ibaraki  
 University ) (be in negotiation)

8. Ground damage on land fill caused by the 2011 off the Pacific Coast of Tohoku Earthquake- Cracks at Urayasu High-School- In Chiba Prefecture, Japan . . . . .  
 . . . . . Kusunoki Keiko, Higashi Masashi, Higuchi Shigeo, Inada Akira, Ito Akihide, Iwamoto Hiroshi, Kamikaseda Satoshi, Kawasaki Ken-ichi, Sato Shinji, Shinada Shoichi, Suenaga Kazuyuki, and Watanabe Takumi (be in negotiation) .
9. On the same lessons about how to keep safety in teaching room under the big earthquake. For example, the 2011 off the Pacific Coast of Tohoku Earthquake.  
 . . . . . Honma Masaru (Meikai University) (be in negotiation)

**6<sup>th</sup> September 2015 (Sun)**

**Urayasu Culture Hall, No.1 meeting room. 09:00-17:00)**

1. "State-of-art of management of geopollution sites in Lithuania" . . . . .  
 Jonas Satkunas and Rasa Radiene, Lithuanian Geological Survey.
2. Re-pollution by *Jinami* (Ground Wave) at Site for Remediation of Diphenylarsinic acid Geopollution . . . . . Tomoyo Hiyama<sup>1,2</sup> · Hisashi Nirei<sup>3,7</sup>  
 Brian Marker<sup>4</sup> · Jonas Satkunas<sup>5</sup> · Kunio Furuno<sup>3</sup> · Kazuya Kimura<sup>6</sup>  
 1: Graduate School of Osaka City University. · 2: Kanto-Kensentsu Co., · 3: Japan Branch of IUGS-GEM · 5: Geological Survey of Lithuania, · 6: Medical Geology Research Institute (MGRI) . · 7: The Geo-pollution Control Agency, Japan .
3. Geopollution events caused from reclaimed land sites in Osaka Bay rea . . . . Uesuna Shoichi<sup>1</sup> · Kasahara Shigeru<sup>2</sup>  
 1:Consaltants of Environmental Geology · 2:Me-sai Inc
4. Geopollution events caused from illegal waste disposal sites in Tokyo Bay Area  
 . . . . . Yoshida Takeshi et al. (be in negotiation)
5. What about environmental judicial problems between man-made toxic heavy metals and natural heavy mineral resources in Judgement by Supreme Court, Japan . . . . .  
 Satoh Keyoichi ( Barrister ) (be in negotiation)

6. Closing speech

12:30

13:00

Business meeting

1. A Plan Pabulication (MMS&GP) ( According as Brian's Draft(2013) for the world
2. For Capetown and After GEM
3. Anthoropocene Boudary and *Jinji* Unconformity ( Basement of Man-made strata)
4. Etc.