

Candidate Collaborative Research Fields between Taiwan and Japan

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Partnership between Kagawa University and universities of Taiwan: Current status

- **National Chengchi University (2002.3-present)**
- **Aletheia University (2007.6-present)**
- **National Chiayi University (2013.4-present)**
- **Chinese Culture University (2017.8-present)**
- **National Chung Cheng University (2017.8-present)**
- **China University of Technology (under preparation)**

***Central Weather Bureau (2017.8-present)**

**# of students/investigators/staffs exchanged between
Kagawa U and universities of Taiwan:
(2014-2017)**

	Accept	Sent
Students	73	69
Investigators/ staffs	21	50

***Exchange activity is growing year by year**

Research collaboration with Taiwan; Why promising?

- **Geographical similarities**
 - Island country
 - Frequent typhoon attacks
 - A series of earthquakes
- **Cultural & religious similarities**
 - Tourism contents, Artistic contents (a lot)
- **Aging society**
- **Etc.**



Many problems common to both countries;

Collaborative research with Taiwan; Why promising?

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Many problems common to both countries;

Seismicity in Taiwan and Japan; We are living in Earthquake prone countries

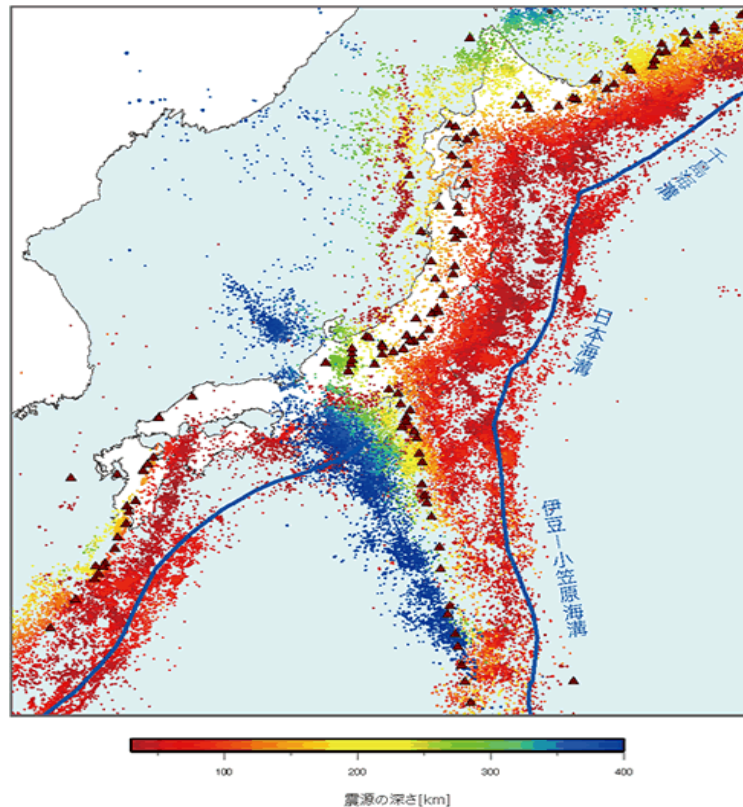
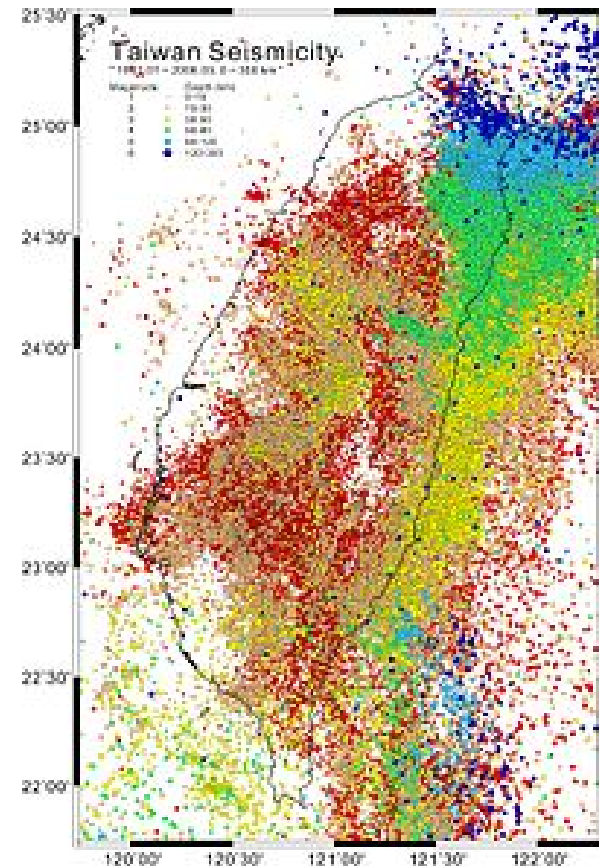


図1 活火山 (▲) の分布

活火山は海溝と平行に並んでいる。点は震源を示し、色は震源の深さをあらわす。(気象庁一元化震源)



**Very few Japanese knows
'Mt. Yushan is higher than Mt Fuji'**



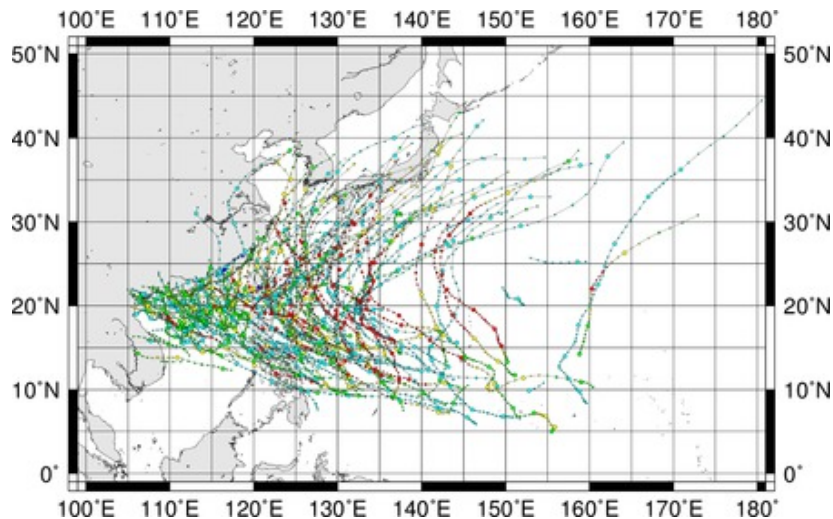
Yushan (玉山):3952m



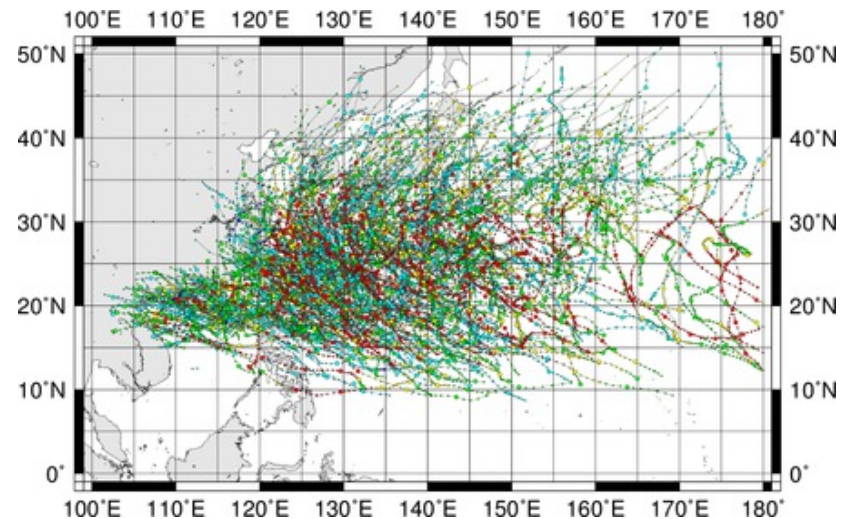
Mt. Fuji:3376m

Monthly Typhoon Tracking Chart around Taiwan and Japan

Taiwan in June

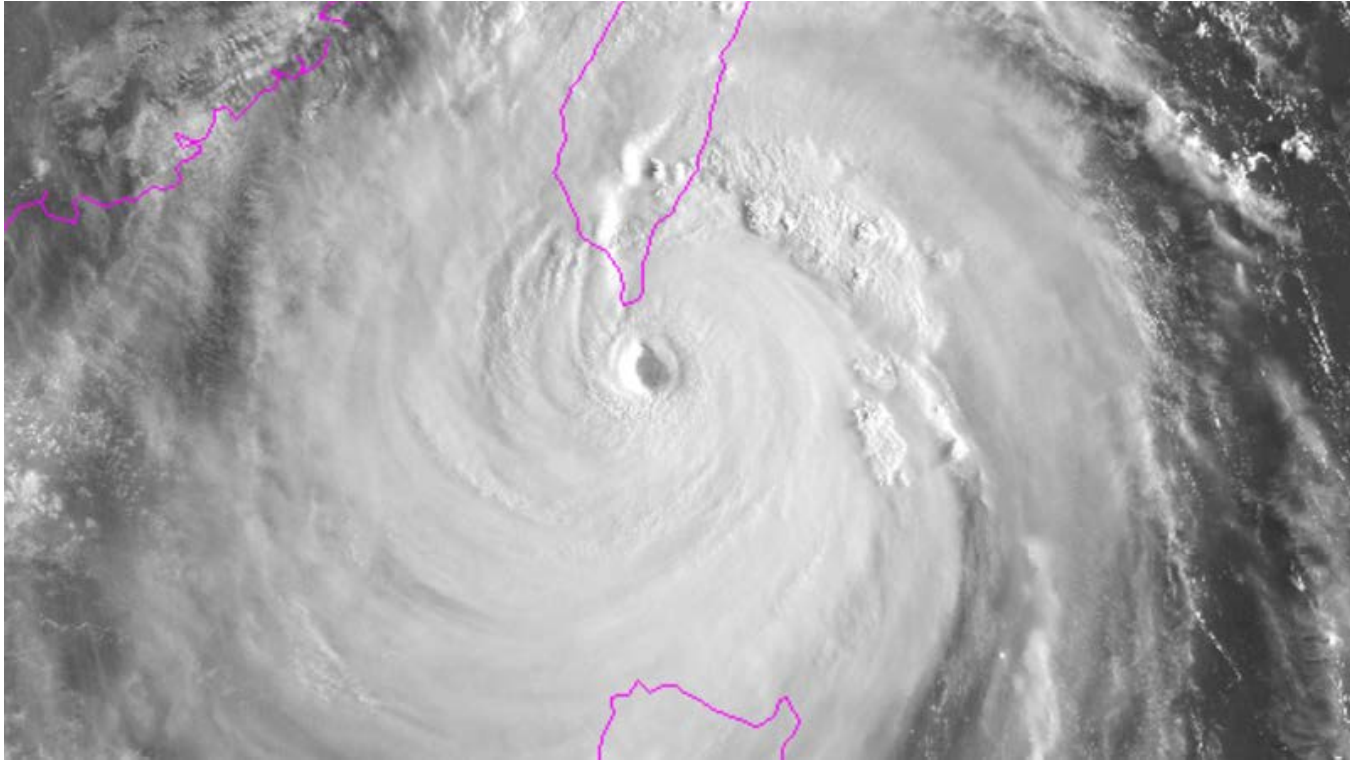


Japan in August



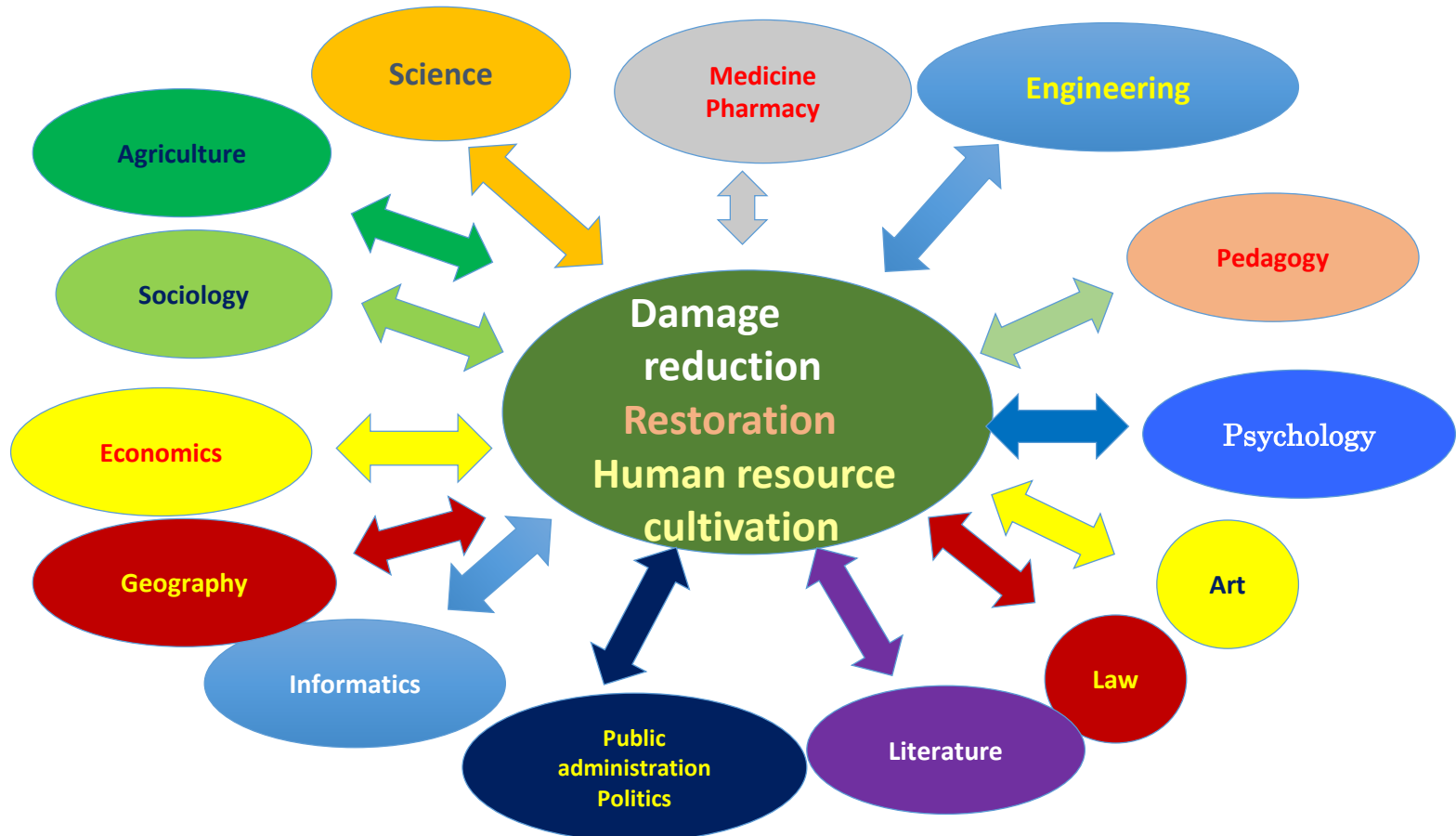
Both are typhoon prone countries!

Super Typhoon 2016



According to Global Warming, Typhoons scale will be more large.
Many Super Typhoons will generate severe damages in both countries

Lots of research fields relating to 'Disaster Mitigation Science'



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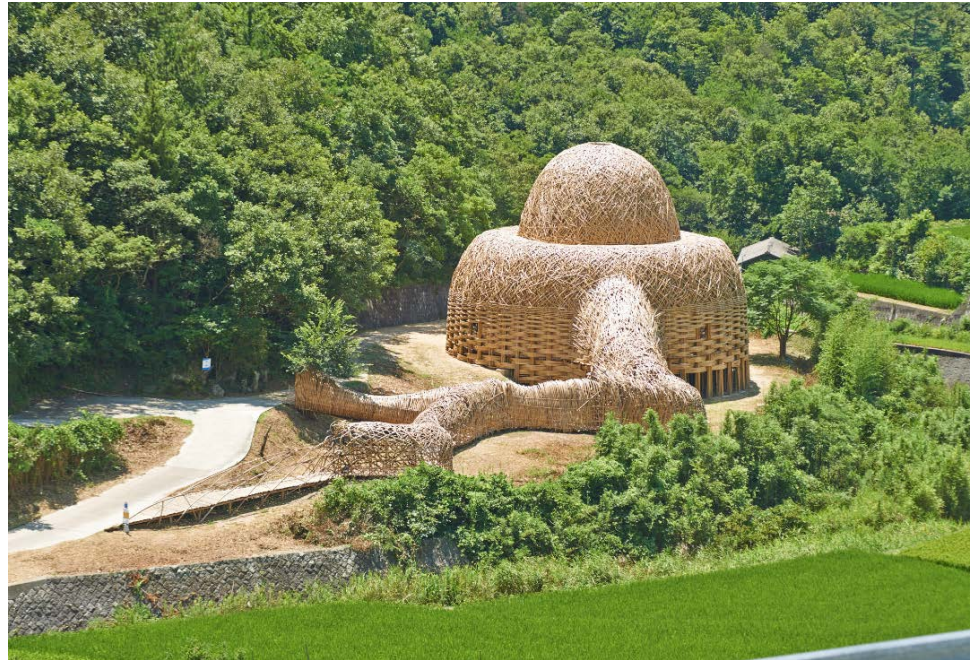
3rd Setouchi Triennale (2016)

【Beyond the Border- the Ocean】



Lin Shuen Long

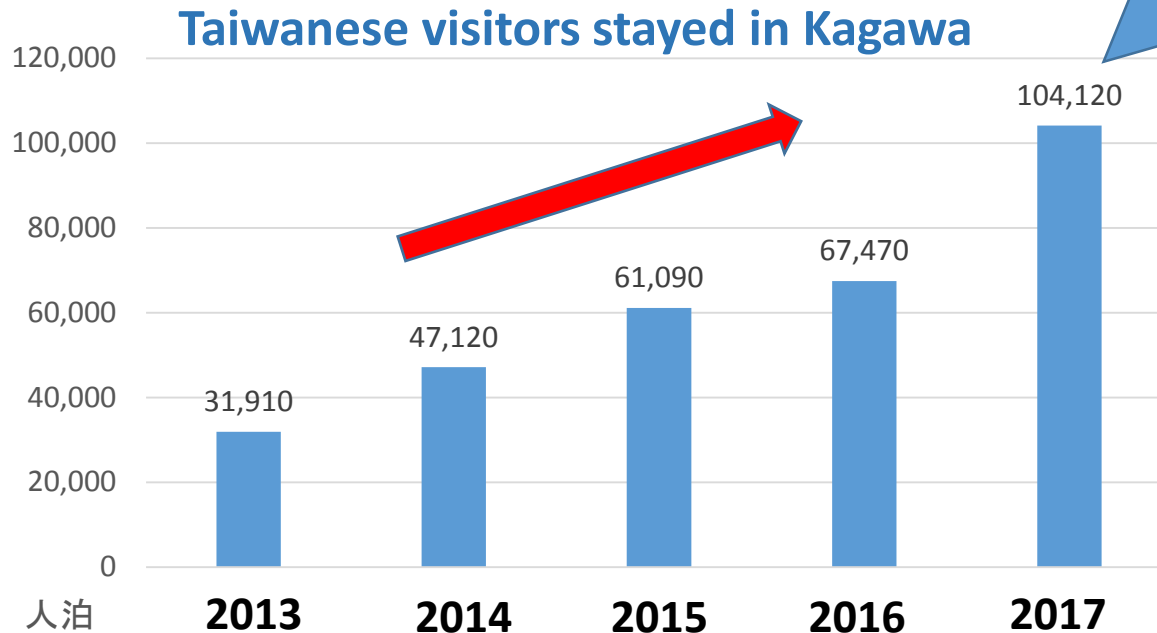
【 Dream of olive 】



Wang Wen Chih

Rural Restoration through arts & tourism

What
Taiwanese
are
interested
in?



Eco-tourism, rural tourism, art tourism → Rural restoration

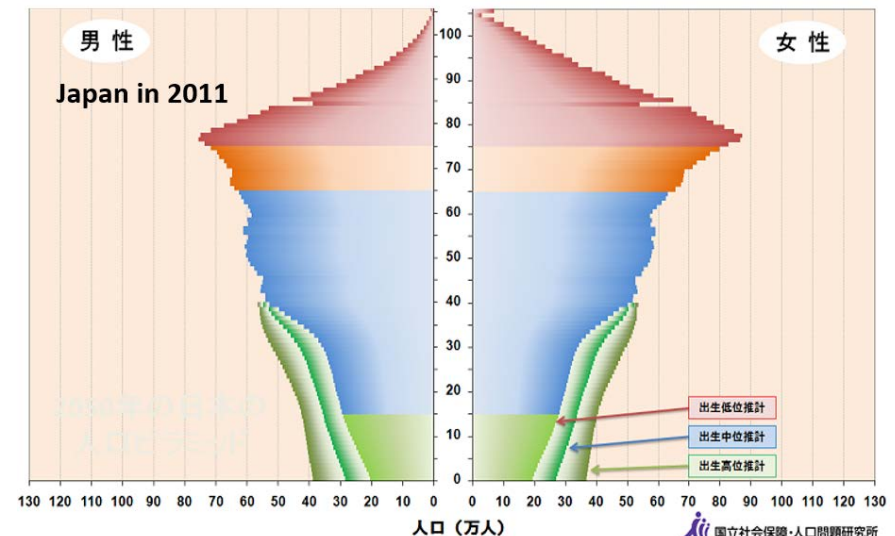
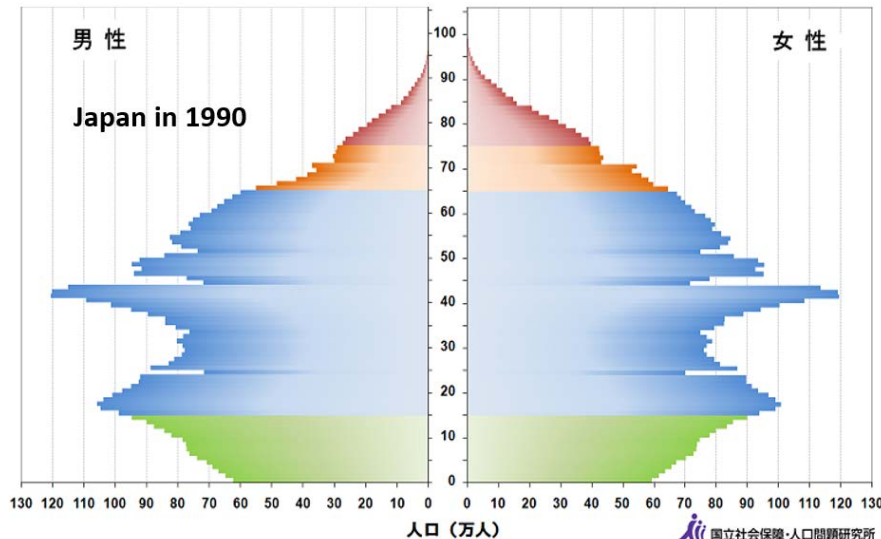
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Many problems common to both countries;

Aging society to hyper-aged society



Both countries are facing rapid aging of population. Japan has crossed into a hyper-aged society since 2017, while Taiwan is now aging society and is expected to be a hyper-aged society by 2025.

**Joint Call for Proposals between
JST (Japan) and MOST (Taiwan) in the field of
“ICT for Care and Support of Elderly People in Hyper Aged
Societies”**

**Call for Proposals Closing Date:
15th January, 2018 (17:00 Japanese Standard Time)**

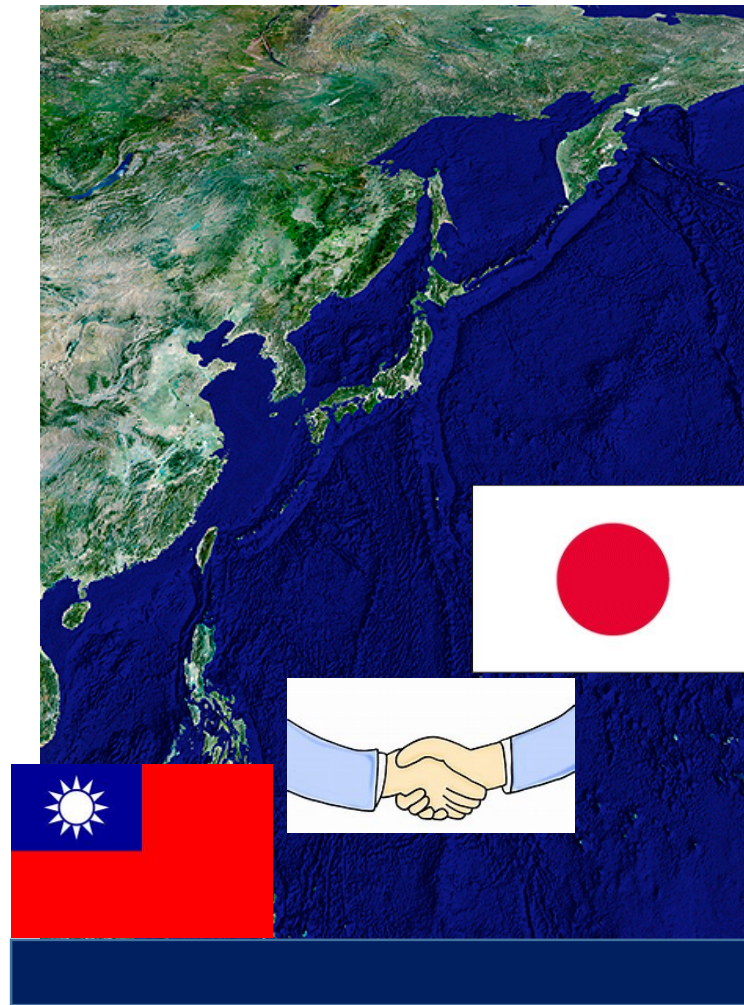
Japan Science and Technology Agency (JST) and the Ministry of Science and Technology (MOST) have initiated a program for joint funding of Japan-Taiwan cooperative research projects. After consultation between JST and MOST, “ICT for Care and Support of Elderly People in Hyper Aged Society” has been selected as the field of research to which the joint funding scheme will be applied.

Problem-oriented research; Collaboration between Taiwan & Japan

Candidate fields

- **Resilience science**
 - Seismology
 - Disaster mitigation
 - Reconstruction science
- **Rural restoration through arts & tourism**
- **Care & Support for elderly people with AI, ICT, Robots, Geriatric medicine,,,**
- **etc**

**There are many problems common to both people.
We therefore can collaborate in lots of research fields.**



Thank you for your attention