

Background

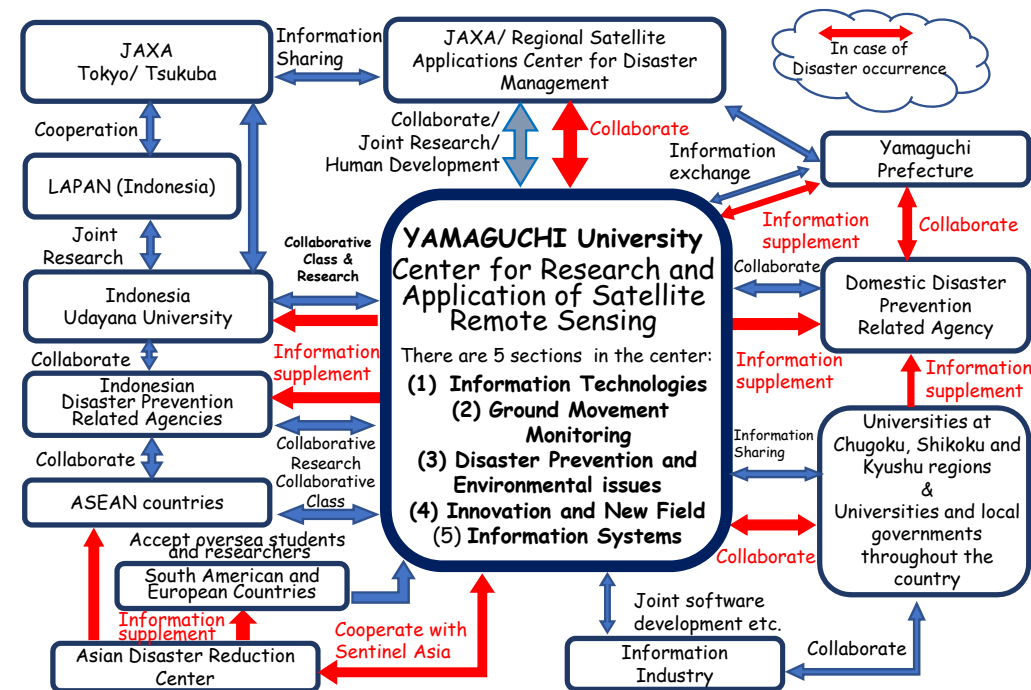
- 【Fiscal year 2009】 Ministry of Education, Culture, Sports, Science and Technology, "Commission for Space Utilization Promotion and Coordination" was adapted (fiscal year 2009~2011), and Yamaguchi University and Udayana University were in cooperation in program of simultaneous shared lecture (10 subjects) held by using internet.
- 【Fiscal year 2010】 Double degree program (DDP) for master's program started.
- 【Fiscal year 2013】 Ministry of Education, Culture, Sports, Science and Technology, "Commission for Space Science and Technology Promotion and Coordination" was adapted (fiscal year 2013~2015), thus we improved to receive overseas students from 4 Asian countries including Udatana University. The number of simultaneous shared lectures became 12 subjects.
- 【Fiscal year 2014】 We supported "2nd Asia Future Conference" at Bali.
We exchanged MOU with Department of Foreign Affairs of Indonesia.
- 【Fiscal year 2015】 Core-to-Core Program (Japan Society for the Promotion of Science/ JSPS) was adapted (fiscal year 2015~2017).
We organized international workshop and symposium on May, Sep. and March.
1st doctoral degree recipients by DDP with Udayana university
- 【Fiscal year 2016】 The case of collaboration program with Udayana expands to South American countries.
We organized international workshop led by Udayana University (July).
Center for Research and Application of Satellite Remote Sensing was established and collaborated with JAXA Regional Satellite Applications Center for Disaster Management and Yamaguchi prefecture.
Two doctoral degree recipients by DDP with Udayana university.

Achievement

- The number of master degree recipients by DDP: **15**
- The number of doctoral degree recipients by DDP: **3**
- The number of doctoral coarse enrollment after acquiring DDP master degree: **5**
- The number of degree recipients related to remote sensing field among Indonesian oversea students: **5** (3 of them were adapted as faculty member in Udayana university, who contributed to establish doctoral course in Udayana university.)
- International academic exchange agreement: **8** universities, **5** governmental agencies
Many of related field research papers were published.

Future Development

We continue to conduct the international simultaneous lectures and international collaborative research with Udayana university, and we expand this successful case to Indonesian governmental-affiliated agencies, universities and research institutions in ASEAN, South American and European countries. The overview is following;



To achieve that, "Center for Research and Application of Satellite Remote Sensing (CRASS)" is trying to win external funds certainly supported by URA. And CRASS will be the center of excellence for research and education in remote sensing field not only in Japan but also in whole the world.