



EAMA, EACOA, EAO, and further

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Institute of Astronomy and Astrophysics
(ASIAA)

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Acknowledgement

Special thanks for discussion;

Liu Sheng-Yuan, Oyama Yoichi,
Wang Ming-Jye, and Wang
Shiang-Yu
of ASIAA



At the last EAMA meeting,

Future Direction of EAMA and EACOA 5: Evolution of EA Cooperation (cont'd)

By N. Kaifu at EAMA 2013

EAMA
+
EACOA



Strengthened EACOA
+ EAMA
&
Community (Universities)



(Intermediate Structure)
United Observatories
Funding Agencies



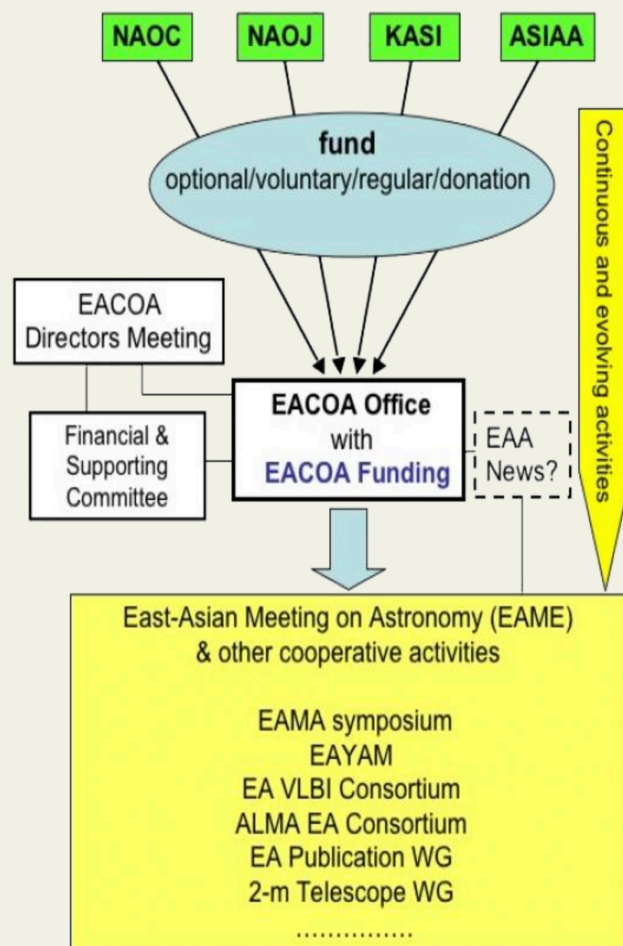
(Future Target)
East Asian Observatory



“About EACOA” in <http://www.eacoa.net/index.php>

The mission of East Asian Core Observatories Association includes:

- Development of alliance program in research, instruments and telescope construction.
- Coordination of the exchange and use of observation instrumental and other resources within East Asia.
- Talent exchange (especially the young astronomers) program
- Coordination of conference arrangement and other academic activities to facilitate the cooperation in astronomy research in East Asia
- Setting the developmental goal of East Asian Core Observatories Association
- Annual directory meeting to ensure the effective achievement of the scientific cooperation envisaged by East Asian Core Observatories Association





Budget and organization

- Organization:
 - Time to think about a standing committee to develop a strategic plan
 - Annual EACOA meeting may not be enough to cover current activities
 - Could EAO play this role/function?
 - ✓ could be, but current budget available to support it?
- Budget issue
 - Proper budget ratio of EAO/domestic?
 - Role of the EAO for each EACOA member?
 - Standing committee? Dedicated scientists?
 - Invite other members?
 - country/region, university, institutes,,,



EAO, or EACOA

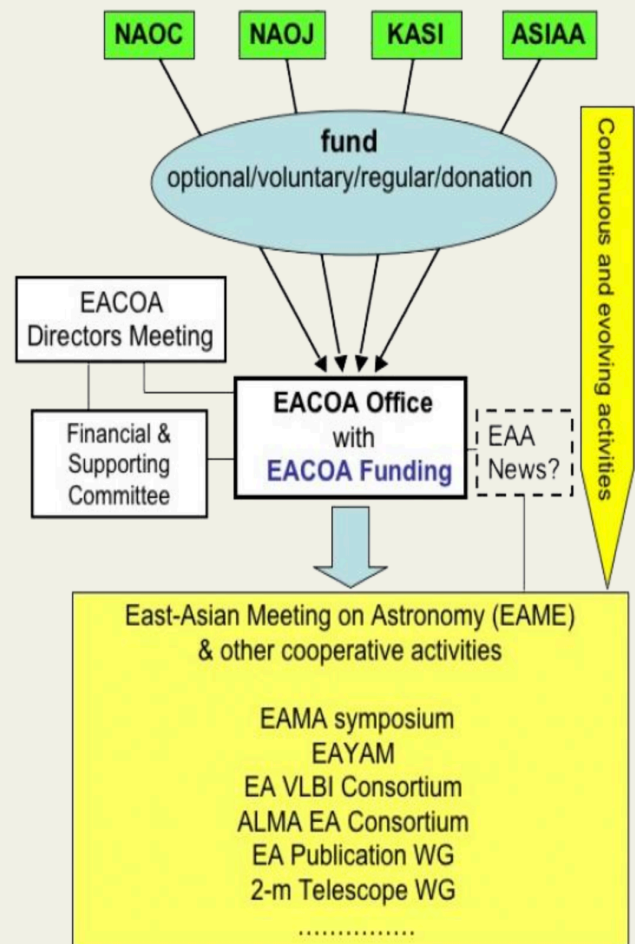
- EAO is a legal entity, so,
 - Is it possible to join in a large international projects as EAO, e.g., TMT/GMT/E-ELT, SKA, SPICA, etc.?
 - Further, shall EAO propose large international projects?



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EACOA Fellows

2012-15: Yasuhiro Hasegawa (T/J)

2013-16/18: Kenneth Wong (T/J), Hyosun Kim (K/T)

2014-17: Daeseong Park (C/K), Quang Nguyen Luong (J/K)

2015-18: Xiaohu Li (C/T), Ken Chen (J/T)

2016-19: James Simpson (T/J), Andreas Schulze (J/T)

- Taiwan 7, Japan 6, Korea 3, China 2; for 9 EACOA Fellows
- Number of applicants: increasing from 25 to 40
- Promote collaboration with two institutes: **Like two independent positions with a single fund?**
 - supervisors, or system?
- Attract Western postdocs: **gradually**
 - more advertizements worldwide, and attractive
- **Any other fellows, e.g., EAO/Hawaii, other institutes, projects?**
- **PhD students**



Chronology of EAMA & other events

	EAMA	EAYAM & others	IAU/URSI
1990	Hauanshian/C (50)		APRIM
1991			
1992	Taejon/K (100)		
1993			APRIM
1994			
1995	Tokyo/J (215)		
1996			APRIM
1997			
1998			
1999	Yunnan/C (118)		APRIM
2000		Submm RX WS	
2001	Taipei/T (60)		AP-RASC
2002			APRIM
2003		EAYAM-1/T	
2004	Seoul/K (130)	EAVN Consortium	AP-RASC
2005		EACOA	APRIM
2006		EAYAM-2/J	
2007	Fukuoka/J (140)		AP-RASC
2008		EAYAM-3/C	APRIM
2009			
2010	Shanghai/C (100)		AP-RASC
2011		EAYAM-4/K	APRIM
2012			
2013	Jhongli/T (140)		AP-RASC
2014		EAO	APRIM
2015		EATAM-5/T	
2016	Seoul/K (>145)		AP-RASC

Every 3 years;

- APRIM: Asia-Pacific Regional IAU Meeting
- AP-RASC: Asia-Pacific Radio Science Conference

Annual meeting;

- EA Submm Receiver Technologies Workshop (2000-)
- EA VLBI Network (EAVN) Workshop (2004-)

Summer/Winter School, Workshop, etc.

- EA Radio Astronomy School (J/K/...)
- EA ALMA Science Workshop (J/K/T)
- EA Numerical Astrophysics Meeting (EANAM)
- Fermi Asian Network Workshop (C/K/T)
- ASIAA Summer Student program (July-August)

- Just started information exchange on schools (J/T/..)

Consortium, Collaboration, etc.

- EA VLBI Consortium
- ALMA EA Consortium
- EA 2-m Telescope Network
- Site Survey

Need more active and effective use of EACOA website, e.g., put links of all these activities!

<http://www.eacoa.net/index.php>



Summary

- EA collaboration and cooperation are largely developed to establish EAO
- Need further development, probably by having a standing committee with budget
 - Develop further plans and financial issues
 - More collaboration/exchange programs
 - Frequent and easy exchange of information
 - Outreach activities