GLI validation system

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Also,

Mukaida(RESTEC): Basic data flow and detailed data procedures inside the EORC

Asanuma(EORC): distribution policy on validation data

Science side concerns are ...





Common issues in the validation system

 \bigstar All data for validation should be collected to the EORC archiver as soon as possible for quick validation.

 \bigstar Validation should be performed for standard products at least, also considered for research products.

 \star Inter-group related issues

Water-leaving radiance

Validation for high brightness target, e.g., at a desert, ice(snow) sheet, ...

Collaborative intensive field campaign between groups

Observation schedule for calibration and validation

Updated on 5/28/01

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			ne oi	e of the Observation for GLI Calibration and validation														
ADEOS-II Events	FY2000				FY2001				_	₽~=2002				FY2003				
	4 5 6 7	8 9 10	11 12 1	2 3	4 5 6	78	9 10 1	1 12 1	2 3	4 5 6		10 11 12 1	2 3	4 5	678	9 10 1	1 12 1	2
ADEOS2 Status				Δ		Δ			Δ				Δ					
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Other Satellites							∆ AQU	A/MODIS	5									
Algorthm version							∆ve	r.0			<u></u>				Δ	ver.2		
Atmosphere																		
Longterm											\bigcirc							
• Ground Obs.	•									Si Samro	ıg, Anhui, Yir	nchuan, Dunh	uang, Ma	andalgobi	, Miyako-j	ima, Fukue	e-jima, Bu	ıkitt
• Cruise Obs.	4									Mirai, Yal	uagi-maru, Sł	ninzan-maru,	Hakuhou	ı-maru				
Intensive																		
• Ground Obs.	A	mami O-sl	hima 🕂	←	Fukue-Ji	ima												
Airborne	A	mami O-sl	hima 🕂							Japar	n Sea 🔶		↔ Pa	cific Oce	an off Japa	տ		↔
● Cruise Obs.										Japar	Sea↔		↔ Pa	cific Oce	an off Japa	տ		↔
Ocean																		
Longterm																		
• OC / Other Satellites	•				SeaStar/	'SeaWiFS	, Terra/M	ODIS			→							
OC / Buoy							←			MOBY, Is	higaki-jima F	Buoy		-				_
• OC / Cruise Obs.									•	SIMBIOS	, Cruise Obs.	(Univ.), Cruis	se Obs. (.	JFA), Col	laboration	with Asiar	n Institute	s
● SST / Buoy, Cruise Obs.										Buoy (JM	A, JFA, TAO/	TRITON, ND	BC), Cr	uise Obs.	(JMA, JE	A, etc.)		_
Intensive																		
• OC / Field Campaign														T.B.D. /	East Chin	a Sea (Kaiy	you)	
Land																		
Longterm																		
• Ground Obs.	•		→ Yats u	gatake	•			→ Yats ug	gatak e	•		→ Yatsu	gatake	•			→ Yats ug	atak
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			New Mexi	со		New Me	xico +	↔ Ho	Chi Mi	inh	New Mexico	↔ ↔н	o Chi Mi	nh	New Me	xico 🕂	↔ Ho	Chi
Cryosphere																		
Longterm																		
Ground Obs. (Kitami)							Kitami 🗲			+→	Kita	ami 🗲		┣		Kitami 🗲		
Ground Obs. (Syowa)										Syowa Sta	tion (Antarcti	ca) 🗲						_
Intensive																		
• Lab. Experiment	Shinjo	↔			s	Shinjo 🕂	·											
• Ground Obs.			Hokkaid	₀ 🕂				Hokkaido	+			Hokkaid	lo✦	← →			Hokkaido	\leftrightarrow
Airborne				\leftrightarrow						Fairbanks	, Barrow		↔	Fairban	ks, Barrov	w		