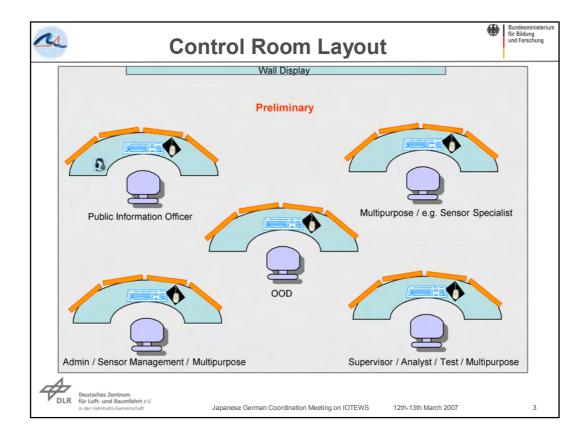
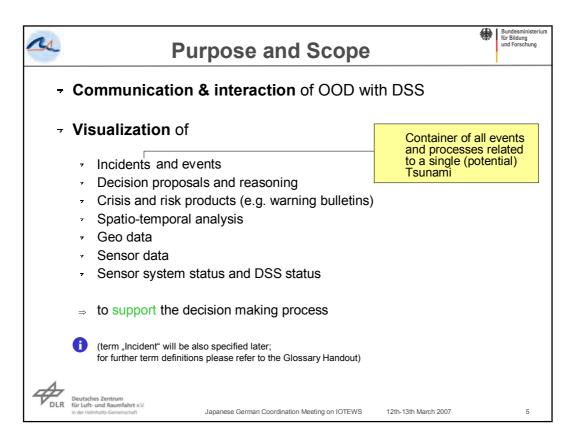
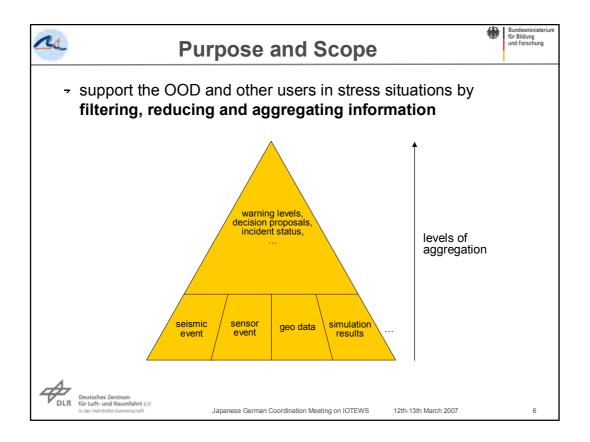


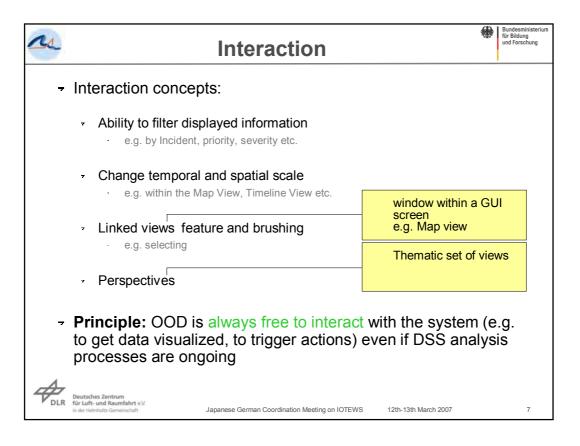
14	Outline	Bundesministerium für Bildung und Forschung
-	Officer on Duty (OOD)	
-	Purpose and Scope <ul> <li>Visualization</li> <li>Aggregation</li> <li>Interaction</li> </ul>	
7	Setup	
7	<ul> <li>Perspectives</li> <li>Current Situation Perspective Incidents</li> <li>Events Perspective</li> <li>Decision Perspective</li> </ul>	
	Deutsches Zentrum           für Luft- und Raumfahrt e.V.           in der Heinholts-Geneinschuft         Japanese German Coordination Meeting on IOTEWS         12th-13th March 2007	2

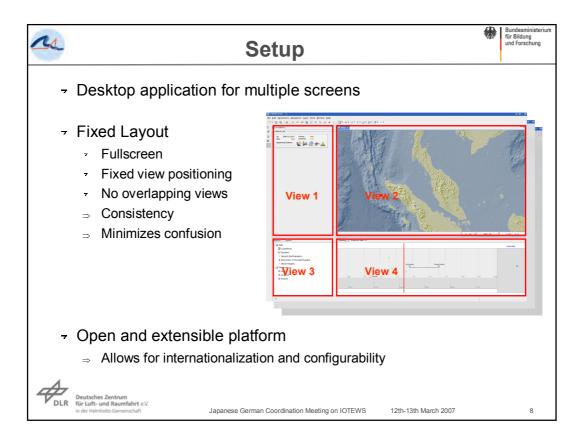


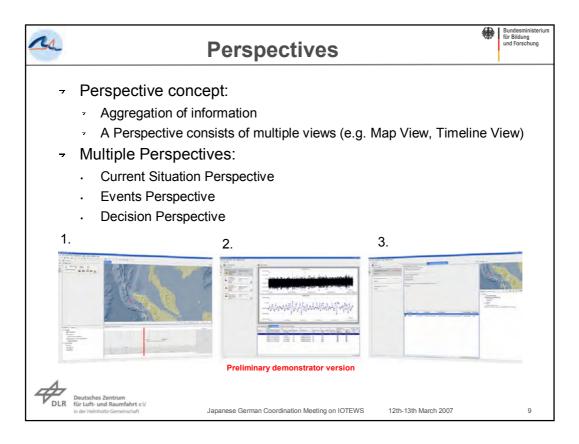
14	Officer on Duty (OOD)
7	Disaster management decision maker
	<ul> <li>monitor and assess the situation</li> <li>initiate and supervise the situation awareness process</li> <li>decide autonomously or with support from the EWMS when and how to trigger what actions (e.g. issue a warning)</li> <li>with regard to tsunami threats within the area of responsibility</li> </ul>
7	Not included: - in-depth evaluation and analysis of incoming sensor information (this is covered by the sensor system expert roles)
7	But: OOD is free to visualize incoming sensor information if the OOD assumes this to be helpful to improve situation awareness (e.g. sea level diagrams)
	Deutsches Zentrum für Luft- und Raumfahrt e.V. in der Heimhotz-Gemeinschuft Japanese German Coordination Meeting on IOTEWS 12th-13th March 2007 4

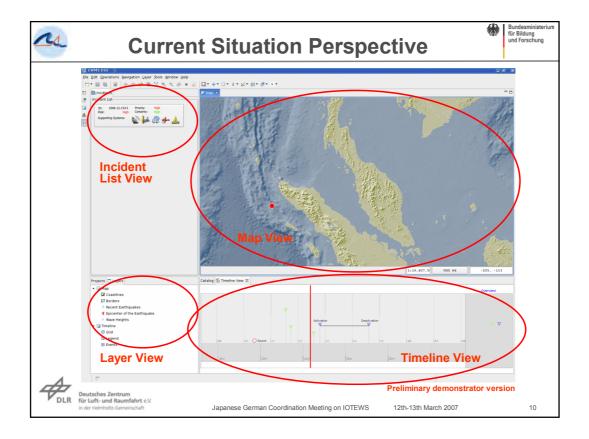


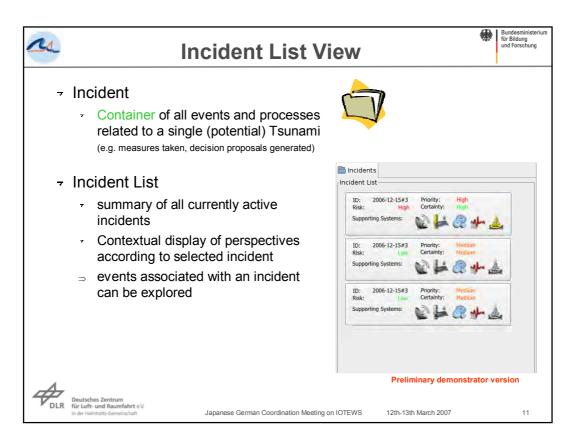


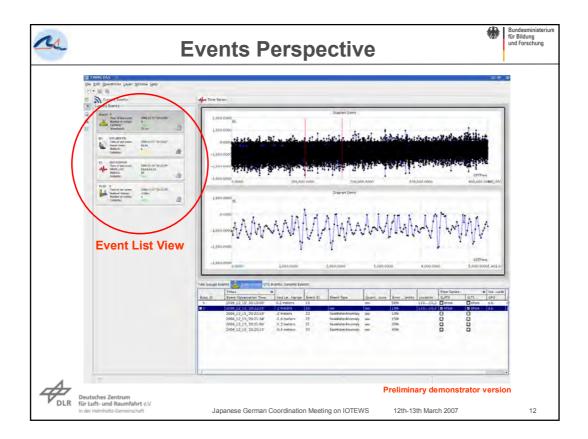






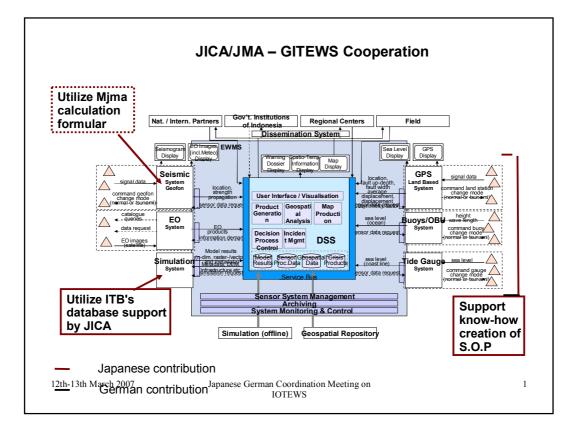




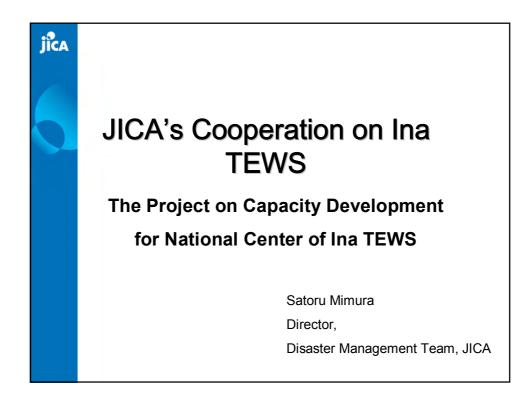


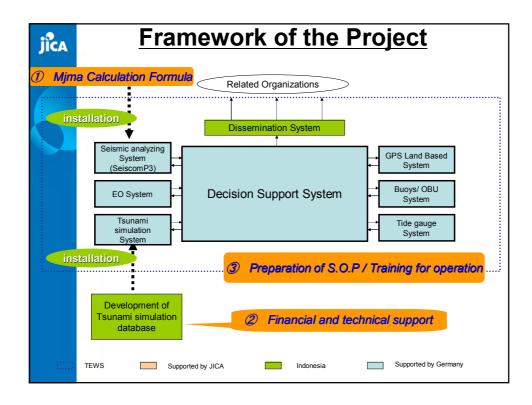
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ANNEX-4



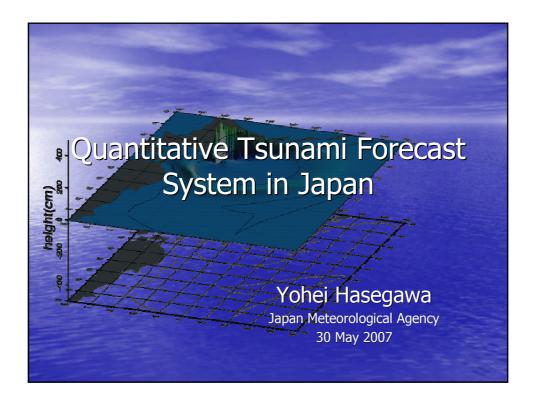
#### 附属資料7 三村団長プレゼンテーション資料

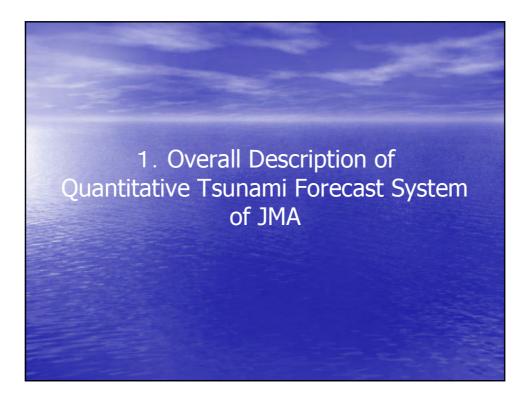


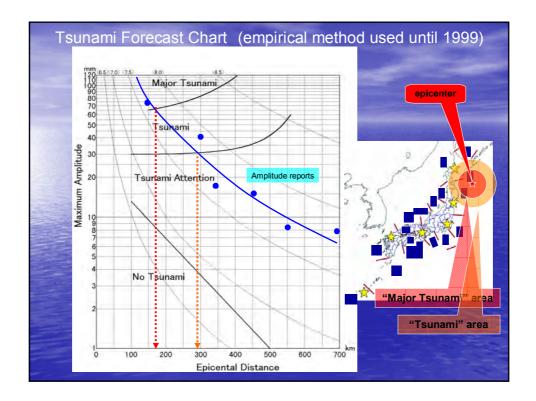


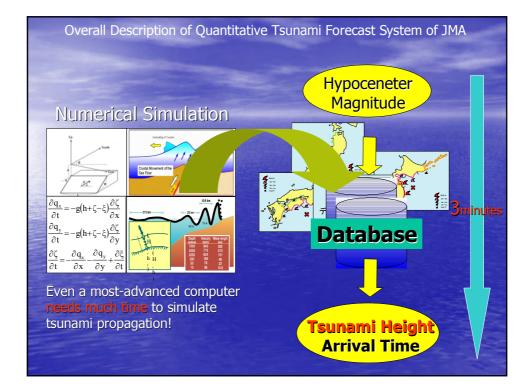
## 附属資料7 三村団長プレゼンテーション資料

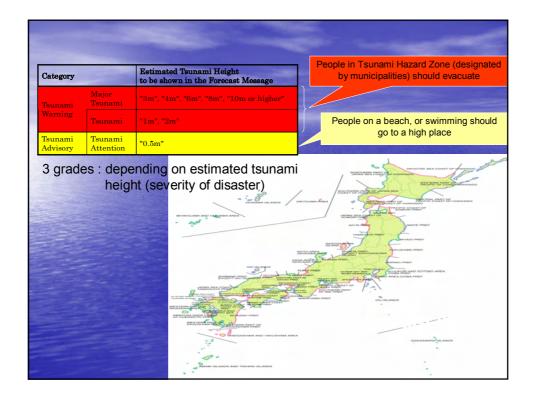
		-			20	07		_	-					08				- 1	200	_
No.	Activities Year / Month	5	6	7		9 1	0 11	12	1	2	3	4 5			8	9 1	0 11	12	1 2	
a-1	Reviewing overall plan of the Indonesian Tsunami Early Warning System project																			
a-2	Installing MJMA-magnitude calculation formula into the seismic data processing and analyzing system (SeiscomP3)																			Γ
a-3	Developing tsunami simulation database and installing it into the tsunami analyzing system (Decision Support System)																			
a-4	Preparing standard operation procedure of the Tsunami Early Warning System																			
b-1	Conducting trainings on MJMA-magnitude calculation method																			
b-2	Promoting operational exercises based on the standard operational procedure																			
Relate	od issues																			
Launch of SeiscomP3 proto type		*																		Τ
aunc	h of DSS proto type							*												
Launch of Indonesian Tsunami Early Warning System																		*		Γ
inputi	from Japan (within the Project)																			
1)	Short term expert (Seismic data analysis)				\$															Γ
2)	Lecture to counterparts (Mjma caliculation method)				•															Γ
(3)	Short term expert (Tsunami early warning technique)							٠												Γ
(4) Lecture to counterparts (Tsunami simulation method)								•												Г
(5)	Long term expert (System operation and procedure training)										4	_	-		_	_			_	F
6)	Lecture to counterparts (SOP)		1									•								T
7)	Counterpart training in Japan (System operation)					4	•													T
(8)	Workshop																		_	+



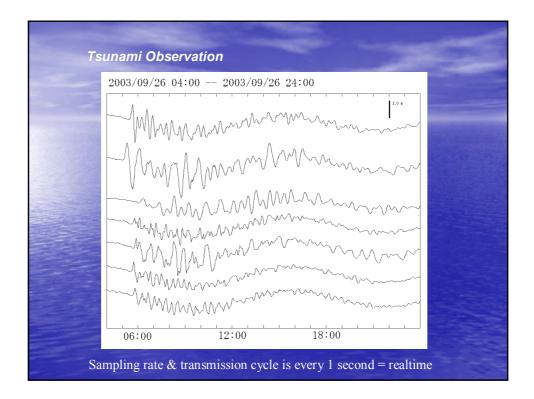








Example of Warning Message		_	<						
Tsunami Warning	Tsunami Information (Estimated Tsunami Heights and Arrival Times)								
TSUNAMI WARNING/ADVISORY ISSUED AT 0456 JST 26 SEP 2003	TSUNAMI INFORMATION (ESTIMATED TSUNAMI ARRIVAL TIME AND HEIGHT)								
TSUNAMI WARNING <major tsunami=""></major>	ISSUED AT 0457 JST 26 SEP 2003								
CENTRAL PART OF PACIFIC COAST OF HOKKAIDO	ESTIMATED TSUNAMI ARRIVAL TIME AND HEIGHT								
EASTERN PART OF PACIFIC COAST OF HOKKAIDO	<major tsunami=""> CENTRAL PART OF PACIFIC COAST OF HOKKAIDO</major>	AT 0500	3m						
<tsunami attention=""> WESTERN PART OF PACIFIC COAST OF HOKKAIDO JAPAN SEA COAST OF AOMORI PREF.</tsunami>	<tsunami> EASTERN PART OF PACIFIC COAST OF HOKKAIDO</tsunami>	AT 0500	1m						
PACIFIC COAST OF AOMORI PREF. IWATE PREF. MIYAGI PREF. FUKUSHIMA PREF.	<tsunami attention=""> WESTERN PART OF PACIFIC COAST OF HOKKAIDO JAPAN SEA COAST OF AOMORI PREF. PACIFIC COAST OF AOMORI PREF. IWATE PREF.</tsunami>	AT 0550	0.5m 0.5m 0.5m 0.5m						
and the second s	MYAGI PREF. FUKUSHIMA PREF.	AT 0510 AT 0530 AT 0600	0.5m						
	EARTHQUAKE INFORMATION OCCURRED AT 0450 JST 26 SEP 2003 REGION NAME TOKACHI LATITUDE 41.7N LONGITUDE 144.2E DEPTH 60KM MAGNITUDE 7.8								



Tsunami Information (C	bserved Ts	sunami	-							
TSUNAMI INFORMATION			KAMAISHI	INITIAL TSUNAMI AT 0540 (+) 0.4M						
(TSUNAMI OBSERVATIONS)				MAXIMUM TSUNAMI AT 0747 0.5M						
ISSUED AT 1833 JST 26 SEP 2003			AYUKAWA	INITIAL TSUNAMI AT 0559 (+) 0.2M MAXIMUM TSUNAMI AT 0900 0.3M						
1330ED AT 1833 331 20 SEP 2003			ONAHAMA	INITIAL TSUNAMI AT 0500 0.3M						
TSUNAMI OBSERVATIONS AS OF 1	330 JST			MAXIMUM TSUNAMI AT 0823 0.2M						
AT SOME PARTS OF THE COASTS,			(In case of cancellation)							
HIGHER THAN THOSE OBSERVED A	T THE OBSERVA	ATION	TSUNAMI WARNING/ADVISORY WAS ALL CLEARED							
KUSHIRO INITIAL TSUNAMI		1.0M		RE MAY BE SLIGHT SEA LEVEL CHANGES						
MAXIMUM TSUNA		1.2M		STS. CAUTION SHOULD BE PAYED IN SEA						
HANASAKI INITIAL TSUNAMI		0.9M	BATHING OR FISHING.							
MAXIMUM TSUNA URAKAWA INITIAL TSUNAMI		0.9M 0.2M	EARTHQUAKE INFORMATION							
MAXIMUM TSUNA		1.3M		T 0450 JST 26 SEP 2003						
MURORAN INITIAL TSUNAMI		0.1M	REGION NAME							
MAXIMUM TSUNA		0.3M	LATITUDE 41.7N							
HAKODATE INITIAL TSUNAMI	AT 0605 (+)	0.3M	LONGITUDE 144.2E							
MAXIMUM TSUNA	MI AT 0818	0.8M	DEPTH 60KM							
HACHINOHE INITIAL TSUNAMI	AT 0544 (+)	0.6M	MAGNITUDE 7.8							
MAXIMUM TSUNA		1.0M								
SEKINEHAMA INITIAL TSUNAMI	AT 0539 (+)	0.4M		A Company						
MAXIMUM TSUNA		0.5M		10 Si to						
MIYAKO INITIAL TSUNAMI	AT 0534 (+)	0.6M	1							
MAXIMUM TSUNA OFUNATO INITIAL TSUNAMI	AT 0544 (+)	0.6M 0.2M	32	A DEAL AND A DEAL	>					
MAXIMUM TSUNAMI		0.2M 0.2M	495	XXXXX/	/					
		0.2111	1	XXXX/*						
			-	VVVV						
				10.						
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