HIGHLIGHTS: EXCHANGE OF PERSONNEL

MID TERM REVIEW PRESENTATION



Supporting environmental research with integrated solutions - the Earth is our lab

EXCHANGE OF PERSONNEL NETWORK

Funded activities M1-M16:



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ENVRI







ACTIVITY 1: SEISMIC DATA INTEGRATION

Host RI: EMSO & EPOS Type: Bilateral between EMSO & EPOS Contributing RIs: FixO3 Duration: two days and one week

Total projected costs: 2.970 €

Objectives:

- Integration of seismological data from EPOS into the EMSO France node's website/database.
- Focus on Ocean Bottom Seismometers (OBS)
- Work on software, common metadata format and data flow.









SEISMIC DATA INTEGRATION - RESULTS

Activities and results:

- Adoption of domain specific software SDPchain ("Seismological Data Preparation Chain")
- Transformation of OBS data from the EMSO-MOMAR site (using SDPchain)
- New EMSO-France data portal.

🔒 🖌 EMSO-A	zores 🕞 nfrastructure							
EMSO-A	zores Infrastructure o	descr	riptio	on				
 Location: Type: Non Distance f Maximal c 	South of Azores, Lucky Strike cabled observatory rom land: 200 nautical miles WSW from Faial lepth: 1700 m							
Transmission b	uoy, BOREL							
8	Coordinates: 37.5 °N and 33.00 °W		•	Geodesic	GPS			
	seabed and shore, through underwater ac satellite. Borel holds a geodetic Global Pos System and can host near surface ocean s	Array Bottor PI: M. Cannat	of aut m Seis	onomo smomet ?, France	us short ers	period	Ocean	I
SeaMoN West		Energy X hori: Y hori: Vertica	y raw data fro contal energy contal energy al energy raw	m Hydrophone (raw data from ge raw data from ge data from geoph	db) cophone (db) cophone (db) one (db)			
	• Coordinates: 37.291 °N and 32.279 °W	Location						
A	Short description: SeaMoN West is the still in the local set of sea	Regional node Emso-Azores Site Lucky Strike, Lava lake						
	provides bi-directional acoustic communic	Node	Auto	onomous devices				10
	surface buoy. SeaMoN West is dedicated to observations.	Comment fr	om PI:					
		Data manag	gement					
		No Near real time data No Data storage in the Commun transmission and storage unit				mmunication	tation Full Data storage instrument	
		Sensor met Type: Array o	adata f broadband s	seismometers				
		2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010
		Site		Sensor type	Serial number	Coordinates	Depth (m)	Ra
		Lucky Strike	North (H1)	SPOBS2				62
		Lucky Strike	South (H7)	SPOBS2 IPGP	SP12	32.297 °N 37.260 °W	1890	62
		Lucky Strike East (H4)		SPOBS2	SP06	32.242 °N	1910	62
		Lucky Strike		IPGP		37.281 °W		





ACTIVITY 2: SCIENCE POLICY AND COMMUNICATIONS

Host RI: ICOS & EuroGOOS

Duration: 5 days each

Type: Bilateral between ICOS & **EuroGOOS**

Total projected costs: 3.100 €

Objectives:

- To share views on RI policies and strategies.
- Contractivities and Contractivitities and Contractivities and Contractivities and C communications strategies between RIs and/or the EC.









SCIENCE POLICY AND COMMUNICATIONS -RESULTS

Activities and results:

- High level meeting at ICOS headquarter.
- Sharing policy & communication best practices
- Visit of ICOS Scientific conference, session on climate change communication
- Second visit at EuroGOOS planned.



From left: Werner Kutsch, ICOS Director General, Gorana Jerkovic, ICOS Head of Communications, Dina Eparkhina, EuroGOOS Policy and Communication Officer, Eija Juurola, ICOS Head of Operations.





ACTIVITY 3: COASTAL STATIONS

Host RI: ICOS **Contributing RIs: JERICO Type:** Unilateral Duration: 26 days Total projected costs: 3.840 €

Objectives:

Develop a method to classify the data from coastal stations:

do they represent open ocean or coastal processes?

Provide RI guidelines to classify coastal stations.











COASTAL STATIONS - RESULTS

Activities and results:

- Visit at coastal ICOS station
 Östergarnsholm. (Gotland Sweden)
- Development of classification schema for coastal station data.
- Manuscript on the criteria, classification and recommendations submitted.







ACTIVITY 4: DRONE WORKSHOP

Host RI: ANAEE Contributing RIs: JERICO, GROOM Duration: two weeks each Total projected cost: 11.000 €

Objectives:

- Focus on unmanned vehicles (UVs), all domains.
- Exchange and share technical and theoretical experience.









Photo: H.Pettersson

DRONE WORKSHOP-RESULTS

Activities and results:

- Drone workshop Livorno, Italy
- Demos of aereal, marine, submersible UVs
- Hands-on work on various drone types
- On-site testing of marine UV









Thank you







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