



ESEAS-RI Project Team meeting
EARS, Ljubljana, 5-6 November 2003

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- **Agenda**
- **Minutes of PT 1 meeting**
- **List of AI from PT-1**

Second ESEAS-RI Project Team Meeting

5-6 November 2003

at EARS, Ljubljana, Slovenia

Draft Agenda

Day 1, 9:00 - 18:00

- 1 Welcome
- 2 Discussion of Agenda
- 3 Minutes from PM1
- 4 Status of Action Items from PTM1
- 5 WP1: Status and Results so far
- 6 WP2: Status and Results so far
- 7 WP3: Status and Results so far
 - 7.1 Introduction to WP3 (10 min.s by Per)
 - 7.2 Summary of Task 3.1 - Tide Gauges (20 min.s by Mikis) and Altimetry (10 min.s by Ole)
 - 7.3 Other activities - early start of Tasks 3.2-5 (10 min.s by Ole and Per)
 - 7.4 Discussion of results and progress (all)
 - 7.5 Next year - Task 3.2 (10 min.s Luciana and Per)

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Day 2, 9:00 - 18:00

8 WP4: Status and Results so far

9 Review of the overall project status

9.1 Work up to now

9.2 Problems and solutions

9.3 Next year (including meetings]

10 Annual Report (Nov. 2002 - Oct. 2003)

11 Management Report (May 2003 - Oct. 2003)

12 Discussion of the report to the ESEAS GB

13 List of Action Items

14 AOB

15 Date and time of the next PT meeting

Morning coffee break: 10:45 - 11:15

lunch: 13:00 - 14:00

afternoon coffee break: 15:45 - 16:15

- First Year devoted to starting up the project
- Project structure in place
- Tasks to be active are started
- Much work has been done
- Major milestones have been reached
- Preliminary deliverables available

- Deliverables in final version are delayed
- We need to focus on reaching final products
- Communication can be improved: Status web pages
- In some tasks, there is room for improvement of interaction
- Plans for scientific publications

- ESEAS DS and ESEAS DP: All
- WP2: Set up the processing of GPS
- WP3: Finalise analysis and progress towards model
- WP4: Complete installations
- Meetings:
 - WP3 meeting, January 2004, Darmstadt (?)
 - PT 6-7 May 2004
 - Workshop: September 2004
 - PT 4-5 November 2004

WP	Milestone	Month	Status
1	M1.1: Agreement on site specifications	12/02	Delayed. Agreement mostly reached at the first meeting of WP1 in March 2003. Following the meeting, a fourth draft document was prepared and circulated for discussion by the task team. A fifth draft document of the requirements was circulated in early 05/03 and is expected to be finalised by the end of 05/03.
1	M1.2: Agreement on quality-control routines	01/03	Preliminary agreement reached in 03/03. Document to be finalised.
1	M1.3: Agreement on design of web interface	02/03	Basically reached. Agreement mostly reached during KOM. Minor changes during actual development.
1	M1.4: Establishment of web interface	06/03	Under development, some delay is expected due to the complexity of the task. Contact to Sea Search concerning the data model may also delay the progress slightly. However, key aspects of data flow pattern decided.
1	M1.5: Classification of ES-EAS Observing Sites	04/03	Delayed. A first draft of the classifications was introduced at the first meeting of WP1 in March 2003. Following the preparation of the fifth draft of the requirements (see M1.1), a second draft of the classifications was prepared and circulated for discussion by the task team. The final classifications are expected by the end of 06/03.
1	M1.6: Catalog of paper-based data sets available	10/03	In progress.
1	M1.7: Digitising of analog records completed	01/04	In progress.
1	M1.8: Quality control completed	10/04	Pending.

WP	Milestone	Month	Status
2	M2.1: Agreement on CGPS processing strategy	04/03	Delayed. A draft document (version 0.1) and a revised draft document (version 0.2) describing the strategy have been compiled and circulated. Estimated month for final document (version 1.0) is 05/03. After that coordination with EUREF and IGS TIGA-PP is anticipated, possibly leading to version 1.1.
2	M2.2: Agreement on time series analysis strategy	04/03	Delayed. A draft document (version May 13, 2003) describing the strategy has been compiled and is currently under discussion. Estimated month for final document is 06/03.
2	M2.3: Production of CGPS time series	10/03, 04/04, ...	Pending. However, preliminary time series for some sites have been produced and intercompared.
2	M2.4: Update of archive of loading information	10/03, 04/04, ...	Pending. However, cooperation to the Special Bureau for Loading, IERS, has been established.
2	M2.5: Production of CGPS vertical station velocities	10/03, 04/04, ...	Pending.
2	M2.6: Production of absolute gravity time series	10/03, 04/04, ...	Pending.
2	M2.7: Update of archive of levelling information	10/03, 04/04, ...	In progress.
2	M2.8: Assessment of absolute sea level variations completed	07/05	Pending.

WP	Milestone	Month	Status
3	M3.1: Empirical determination of annual to decadal sea level variations finished	10/03	Several intermediate milestones have been defined and partly reached. See description of task in Section ??.
3	M3.2: EOF analyses completed	04/04	Pending.
3	M3.3: Empirical model of decadal sea level variability available	10/04	Pending.
3	M3.4: Decontaminated secular trends at tide gauges available	02/05	Pending.
3	M3.5: Report on decadal sea level variations finished	08/05	Pending.
3	M3.6: Reports of JASON-1 etc. absolute calibration	10/04	Pending.
4	M4.1: Pilot station established	11/02	Fully reached though slightly delayed. See description of T4.1 in Section ??.
4	M4.2: Selection of sensor for upgrading on the basis of assessment of tide gauge sensors	12/03	Pending.
4	M4.3: Upgrading of tide gauges completed	10/04	Work is in progress, milestone likely to be reached earlier.
4	M4.4: Colocation of tide gauges with CGPS completed	10/03	Work is in progress, milestone likely to be reached according to plan.
4	M4.5: GPS campaigns completed	10/04	Work in progress.
5	M5.1: Project structure is established	11/02	Reached. Structure available on ESEAS-RI web site.
5	M5.2: Project management plan is available	11/02	Modified due to modification of management procedure, see description in Section ??.
5	M5.3: Steering committee reports are available		Reports supposed to be available 1 mon after regular meetings of steering committee. Pending
5	M5.4: "Mid-term" workshop report is available	04/04	Most likely, the "Mid-term workshop will be delayed until autumn 2004. Decision will be made at the Project team meeting.
5	M5.5: Final workshop report is available	09/05	Pending.
5	M5.6: Draft TIP available	10/04	Pending.
5	M5.7: Final TIP available and approved by the ESEAS GB	09/05	Pending.

No.	Deliverable title	Due	Status
D1.1	Specifications for ESEAS Operational Sites	01/03	First, second, third, fourth and fifth draft documents available on the web. Final version in preparation.
D1.2	Standards for quality control of tide gauge observations	02/03	Draft document under revision.
D1.3	Classification of ESEAS Operational Sites for Application A - D	04/03	First and second draft documents available on the web. Final version in preparation.
D1.4	Web interface to ESEAS Sea level data base, hourly values	06/03	Pending.
D1.5	Quality-controlled high-resolution hourly data base	10/04	Pending.
D1.6	Catalog of paper-based data sets in Europe requiring data rescue	10/03	Pending.
D1.7	New series of monthly means	01/04	Pending.
D2.1	An ESEAS CGPS processing strategy	04/03	Draft document available.
D2.2	An ESEAS CGPS time series analysis strategy	04/03	Draft document available.
D2.3	CGPS time series for all CGPS stations co-located with ESEAS Observing Sites	10/03, R6	Pending.
D2.4	Loading information for all ESEAS Observing Sites that are co-located with CGPS stations	10/03, R6	Pending.
D2.5	CGPS vertical station velocities and associated uncertainties for all CGPS stations co-located with ESEAS Observing Sites	10/03, R6	Pending.
D2.6	Absolute gravity time series at selected ESEAS Observing Sites	10/03, R6	Pending.
D2.7	Precise levelling information for all ESEAS Observing Sites that are co-located with CGPS stations	10/03, R6	Pending.
D2.8	A quantitative assessment of the contribution of vertical land movements to changes in relative sea level, and of the changes in absolute sea level in typical European coastal segments	08/05	Pending.

No.	Deliverable title	Due	Status
D3.1	Report on annual to decadal sea level variations on high resolution for the North Atlantic and adjacent European Seas and low resolution globally	10/03	Pending.
D3.2	Global interpolated data sets of decadal variations from tide gauge data using advanced extensions to empirical orthogonal functions derived from T/P satellite altimetry	10/04	Pending.
D3.3	Trends decontaminated for decadal variability available	01/05	Pending.
D3.4	Report on secular trends decontaminated for decadal sea level variability	08/05	Pending.
D3.5	Ongoing estimates of altimetric bias for the essential T/P and JASON-1 and possibly other missions	10/04	Pending.
D4.1	Assesment of accuracy and operational properties of different tide gauge sensors	11/03	Pending.
D4.2	Data from up to 10 upgraded tide gauges	10/04	Pending.
D4.3	Data from up to 14 upgraded co-located tide gauge-CGPS sites	10/03	Pending.
D4.4	GPS observations from four GPS connections to tide gauges	10/04	Pending.
D5.1	Project structure	11/02	Available at http://eseas.org/eseas-ri/management/structure .
D5.2	Project management plan and procedures	11/02	Modified, see Section ??.
D5.3	Steering committee reports	R6	No meeting so far.
D5.4	Draft TIP	10/04	Pending.
D5.5	Final TIP	09/05	Pending.
D5.6	Final Workshop report	09/05	Pending.