

EUROMECH

EUROPEAN MECHANICS SOCIETY

Final Report

Please send this report to the Secretary General of EUROMECH within one month after the Colloquium

EUROMECH Colloquium No.: **395**

Title: **Coastal, Estuarine and River Forms**

Dates and location: **June 2-4, 1999, University of Twente, Enschede, The Netherlands**

Chairperson: **prof.dr. H.J. de Vriend**

Co-Chairperson: **prof.dr. P. Blondeaux**

Is there need of another Colloquium on the same or a related subject? Which year? **No**

Full registration fee: **Hfl 200 (FF 600) + Hfl 65 (FF 200) membership**

What other funding was obtained? **Subsidy from the University of Twente**

What were the participants offered? **Meeting facilities, drinks, lunches, dinners**

Number of members of EUROMECH (reduced registration fee): **1**

Number of non-members of EUROMECH (full registration fee): **31**

Number of participants from each country:

Austria	_____	Germany	_____	Romania	_____
Belgium	_____	Great Britain	<u>3</u>	Russia	_____
Byelorussia	_____	Greece	_____	Slovakia	_____
Bosnia	_____	Hungary	_____	Slovenia	_____
Bulgaria	_____	Ireland	_____	Spain	<u>4</u>
Croatia	_____	Italy	<u>7</u>	Sweden	_____
Czech Republic	_____	Latvia	_____	Switzerland	_____
Denmark	<u>1</u>	Lithuania	_____	Ukraine	_____
Estonia	_____	Netherlands	<u>13</u>	Yugoslavia	_____
France	<u>4</u>	Norway	_____	Others	_____
Finland	_____	Poland	_____		
Georgia	_____	Portugal	_____	Total	<u>32</u>

Please turn

Scientific Report

The subject of the Colloquium was the analysis of rhythmic morphological features in mobile-bed natural surface water systems. The principal objective was to confront and exchange expertise in rivers, estuaries, coastal waters and shelf seas.

The Colloquium was attended by 32 participants from 6 European countries. The group included representatives from all leading research units in this field. During the colloquium, which was very informal, about twenty presentations were given, each followed by ample time (appr. half an hour) for discussion. This format worked out very well and led to lively and in-depth discussions.

It has been decided not to produce proceedings of this conference, since most of the work is finding its way to refereed scientific journals, which usually gives much more credit to the authors than a paper in conference proceedings. All participants who gave presentations have submitted a brief summary after the meeting, as a contribution to a review paper in a leading scientific journal. The chairpersons have agreed to produce this paper.

The Colloquium has definitely achieved its goals, viz.:

- an exchange of knowledge and views between "freshwater" (rivers) and "saltwater" (estuaries, etc.) researchers; the majority of the saltwater group has collaborated for a long time in various EU-MAST projects, but freshwater research in this field has always been scattered,
- an exchange between senior and junior researchers; about 60% of the attendants were junior researchers or post-docs,
- a confrontation of techniques (linear and non-linear perturbation analyses, simulation techniques, numerical modelling, data analysis), and of theory and data, and
- development of new research-network links.

Therefore, we think EUROMECH 395 has been a success.

The following participants have received a grant on behalf of EUROMECH¹:

Mr. N.D. Dronen	Technical University of Denmark, Inst. Hydrodyn, and Water Resources (ISVA) Building 115 DK-2800 Lyngby, Denmark
Ms. F. Ribas	Universitat Politècnica de Catalunya Dept. Applied Physics Campus Nord, Modul B4/B5 08034 Barcelona, Spain
dr. P. Scandura	University of Genova Dept. of Environmental Engineering Via Montallegro 1 16145 Genova, Italy
Mr. L.S. Solari	same address

¹ Because we found it inappropriate if a grant would exceed the costs of attending, we have split the 600 DM available into four grants, instead of three.