



Coastal Working Group

<http://csdms.colorado.edu/wiki/Coastal>

Newsletter No. 1, July 2014

News, Communication & Engagement

Whether you are an active coastal researcher or interested CWG member, this newsletter is for you. Send anything to me, Chris Thomas (cwt@bgs.ac.uk). This will go out roughly monthly or so, or as required.

Coastal Working Group

All the information about the CWG can be found at: <http://csdms.colorado.edu/wiki/Coastal>, but in this first newsletter, here is the key information:

Coastal Working Group Chair:

A. Brad Murray, Duke University, NC.

CWG Goals

- *Evaluate present knowledge of processes in coastal environments including the human component of those systems*
- *Identify numerical models presently in use and identify gaps in knowledge and areas where model development or improvement is needed.*
- *Work with the community to populate the CSDMS model toolkit with models of all sorts, ranging from analytical and simplified numerical models that can be shared with the scientific community in stand-alone form, to numerical models that can be linked to models of other environments, via CSDMS, to allow new sorts of questions to be addressed.*
- *To motivate and support populating the toolkit by catalysing collaborations (and proposals) to address interesting and relevant science questions requiring model development and/or model coupling (via Basic Model Interfaces) across different environments, including coastal, terrestrial and marine domains.*

Newsletter

This newsletter is part of an initiative to widen participation and engagement amongst the membership of the CSDMS Coastal Working Group. The CWG community has 414 currently registered members. We're sure that there is a lot going on across the community that could be more widely communicated, to the potential benefit of all. The newsletter will serve as a reference to the CWG pages on the CSDMS website, which will remain the key source of information. However, we also hope that it will stimulate you to communicate anything that will be of interest to the wider CWG membership. With that in mind, this is your newsletter. In our busy lives, time spent on communication is always pressured. The plan is to help you communicate anything as quickly and efficiently as possible, without it taking up a disproportionate amount of your time. We will aim to focus on one or two key matters each month, but any timely news will be welcome. As this is the first one, its purpose is to mainly let you all know there's to be a regular newsletter. The focus for No. 2, planned for circulation late August – early September, will be new publications. However, any

other relevant news will be welcome too – the headings below are mainly for guidance. Please let me have anything by the middle of August.

News

Appointments Brad Murray has announced the appointment of two new vice chairs for the Coastal Working Group (CWG). Prof Hans-Peter Plag will lead the Coastal Vulnerability Initiative. Dr Chris Thomas has been asked to develop community engagement amongst the membership of the CWG. See **Contacts** below.

Publications

Please email any new publications you have. Simply paste in the reference or the URL to the citation on the journal's web-page. You can add a short description if you wish.

Two new papers in Earth Surface Dynamics, report modelling studies of the behaviour of the Holderness Coast, East Riding of Yorkshire, England, using the Coastline Evolution Model (refs). This coastline is the most rapidly eroding in Europe, the erosion threatening towns and rural communities along its length.

Barkwith, A.; Hurst, M.D.; Thomas, C.W.; Ellis, M.A.; Limber, P.W.; Murray, A.B.. 2013 [Assessing the influence of sea walls on the coastal vulnerability of a pinned, soft-cliff, sandy coastline](#). *Earth Surface Dynamics*, 1. 1127-1149. [10.5194/esurfd-1-1127-2013](#)

Barkwith, A.; Thomas, C.W.; Limber, P.W.; Ellis, M.A.; Murray, A.B.. 2013 [Assessing the natural morphological sensitivity of a pinned, soft-cliff, sandy coast to a changing wave climate](#). *Earth Surface Dynamics Discussion*, 1. 855-889. [10.5194/esurfd-1-855-2013](#)

Research Snapshots

We can take a couple of short paragraphs – say 200 words max – highlighting any recent advances you might have made in coastal modelling. For example, you might want to highlight a poster at an up-coming conference, or announce a soon-to-be-published paper. Or you might highlight a conference, conference session, workshop or similar.

Recent Successes

Anything that we can celebrate as a community – awards, honours, etc.

Opportunities

For work, research, sabbaticals, training, etc. Just give me one or two lines and a URL if available. It'll get mirrored on the CSDMS website too.

MSc

PhD

Post-doctoral

Positions

Funding and grant opportunities

Consortia and other partnerships

Moves

Let us know if you have moved, or will be soon.

Main contacts

Chair:

Prof. Brad Murray

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Vice-chairs:

Coastal Vulnerability Initiative

Prof. Hans-Peter Plag

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Community Engagement

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