

## Annex II: Workshop programme

| <b>Monday 25 June 2012</b> |   |   |
|----------------------------|---|---|
| 09.00-09.30                | Registration                                  |   |
| 09.30-09.40                | Erland Källén<br>ECMWF                        | Welcome and introduction  |
| 09.40-10.15                | Jean Bidlot<br>ECMWF                          | Present Status of wave forecasting at ECMWF   |
| <b>I. Modelling</b>        |   |   |
| 10.15-10.50                | Aron Roland<br>University Darmstadt           | Developments in unstructured grids  |
| 10.50-11.20                | Coffee  |   |
| 11.20-11.55                | Stephen Belcher<br>Hadley Centre              | A global perspective on winds, waves and coupling through the ocean surface boundary layer    |
| 11.55-12.30                | Luigi Cavaleri<br>Inst Marine Sci, Venice     | A fully coupled atmosphere-ocean waves ocean model for the Mediterranean                      |
| 12.30-13.45                | Lunch   |   |
| 13.45-14.20                | Miguel Onorato<br>University Turin            | Freak waves   |
| 14.20-14.55                | Peter Janssen<br>ECMWF                        | Effect of ocean waves on ocean circulation  |
| 15.00-15.30                | Coffee/Tea                                    |   |
| <b>II. Physics</b>         |   |   |
| 15.30-16.05                | Alex Babanin<br>Swinburne Univ Technol        | Update on parametrisation of major source functions, including extreme conditions             |
| 16.05-16.40                | Gerbrant van Vledder<br>TU Delft              | Developments in computational methods for nonlinear energy transfer in deep and shallow water |
| 16.40-17.15                | Fabrice Ardhuin<br>Ifremer, Plouzane          | New parameterisations of the source functions   |
| 17.15-17.50                | André van der Westhuysen<br>UCAR at NOAA/NCEP | Near shore processes  |
| 17.45                      | Informal drinks party                         |   |

## Tuesday 26 June 2012

|             |                            |  |
|-------------|----------------------------|--|
| 09.15-09.50 | Jim Doyle<br>NRL, Monterey | Wind-wave interaction under hurricane conditions |
|-------------|----------------------------|--|

### III. Use of Data for assimilation and verification

|             |                            |   |
|-------------|----------------------------|---|
| 09.50-10.25 | Andy Saulter<br>Met Office | Current and future verification methods |
|-------------|----------------------------|---|

|             |                                     |   |
|-------------|-------------------------------------|---|
| 10.25-11.00 | Jean-Michel Lefèvre<br>Météo-France | Latest developments in wave data assimilation |
|-------------|-------------------------------------|---|

|             |        |  |
|-------------|--------|--|
| 11.00-11.30 | Coffee |  |
|-------------|--------|--|

|             |                     |                    |
|-------------|---------------------|--------------------|
| 11.30-12.05 | Øyvind Sætra<br>NMI | The MyWave Project |
|-------------|---------------------|--------------------|

|             |                                 |  |
|-------------|---------------------------------|--|
| 12.05-12.40 | Hendrik Tolman<br>NOAA-NCEP-EMC | A US NOPP Project to stimulate wave research |
|-------------|---------------------------------|--|

|             |       |  |
|-------------|-------|--|
| 12.40-14.00 | Lunch |  |
|-------------|-------|--|

|             |                         |  |
|-------------|-------------------------|--|
| 14.00-14.15 | Working Group Formation |  |
|-------------|-------------------------|--|

|             |                        |  |
|-------------|------------------------|--|
| 14.15-17.30 | Working Group Meetings |  |
|-------------|------------------------|--|

|        |  |  |
|--------|--|--|
| 18.00- | Informal Dinner for Working Group Participants |  |
|--------|--|--|

## Wednesday 27 June 2012

|             |                        |  |
|-------------|------------------------|--|
| 09.00-12.45 | Working Group Meetings |  |
|-------------|------------------------|--|

|             |       |  |
|-------------|-------|--|
| 12.45-14.00 | Lunch |  |
|-------------|-------|--|

|             |                 |  |
|-------------|-----------------|--|
| 14.00-16.00 | Plenary Session |  |
|-------------|-----------------|--|