

Title: Fishing Capacity, effort and fishing mortality; The understanding of fishery dynamics and their links to management (I)

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Many management regimes in Europe and further afield are moving to effort and/or capacity based management regimes rather than traditional TAC based approaches. But the many data on effort and/or capacity are currently or have been collected in disparate and possibly inappropriate formats.

This theme session is proposed to review issues related to this move as well as ways to handle historic or current data in a robust fashion. In particular papers would be invited on:

- Capacity and effort metrics, beyond those currently used
- Effort expressed as capacity utilisation
- How to standardise metrics and/or select those most appropriate, robust and useable
- Case studies where analytical methods have been used with proposed solutions
- Economic drivers for capacity development
- Dynamics of fishery operations and their impact on management
- Case studies of linkages between capacity, effort and mortality
- Scenario testing for capacity/effort based management scenarios
- Management response to improvements in efficiency

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