

Title: New trends in diseases of marine organisms: causes and effects (D)

Convenors: Sharon MacLean (WGPDMO Chair) (USA), Thomas Lang (Germany), and Sharon McGladdery (Canada)

There is considerable scientific and public interest in ICES Member Countries related to diseases and parasites of wild and farmed marine fish and shellfish, both in the context of ecosystem health monitoring and assessment and in the context of the expansion and growing importance of mariculture activities. Furthermore, efforts initiated for an assessment of the health status of marine mammals have increased over the past years.

The Theme Session aims to gather scientists contributing oral and poster presentations on the following and other relevant aspects:

- causes and effects of emerging diseases (incl. parasites) in wild fish, shellfish and other marine organisms;
- causes and effects of new diseases (incl. parasites) in farmed fish and shellfish;
- the use of diseases and parasites of wild marine organisms as indicators in integrated ecosystem health monitoring and assessment;
- new trends in the disease interactions between wild and farmed fish and shellfish;
- effects of introduced species on the health status of native fish and shellfish stocks;
- new methodologies related to disease diagnosis and control.

Sharon MacLean, NOAA's National Marine Fisheries Service, Narragansett Laboratory, USA, e-mail sharon.maclea@noaa.gov

Thomas Lang, Johann Heinrich von Thünen-Institut, Bundesforschungsinstitut für Ländliche Räume, Wald und Fischerei, e-mail: thomas.lang@vti.bund.de

Sharon McGladdery, Canadian Food Inspection Agency, Aquatic Animal Health Division, Canada, e-mail mcgladderys@inspection.gc.ca