

**Working Group on Data Poor Diadromous Fish (WGDAM)**

**2014/MA2/SSGEPD06** A Working Group on Data Poor Diadromous Fish (WGDAM), chaired by Karen Wilson, United States, and Lari Veneranta, Finland, will be established and will work on ToRs and generate deliverables as listed in the Table below.

	MEETING DATES	VENUE	REPORTING DETAILS	COMMENTS (CHANGE IN CHAIR, ETC.)
Year 2015	By correspondence		Interim report by 1 May 2016 to WGRECORDS and SSGEPD	
Year 2016	By correspondence		Interim report by DATE to WGRECORDS	
Year 2017	TBC	TBC	Final report by DATE to WGRECORDS, SCICOM	

**ToR descriptors**

TO R	DESCRIPTION	BACKGROUND	SCIENCE PLAN TOPICS ADDRESSED	DURATION	EXPECTED DELIVERABLES
a	Update the status & distribution of poorly understood diadromous fish species	a) Science Requirements More scientific information required		1 year	Review paper/report Map of change since 2005
b	Identify biological knowledge gaps and their importance for key diadromous species.	a) Science Requirements More scientific information required b) Advisory Requirements Better informed advice required		1 year	Review paper/report Map of change since 2005 with emphasis on most vulnerable/data poor.
c	Recommend species and approaches for systematic monitoring of key diadromous species	a) Science Requirements More scientific information required b) Advisory Requirements Better informed advice required		2 years	Identification of current monitoring activities. Recommendations for monitoring and evaluation, including periodicity and species
d	Identify key stressors on diadromous species & recommend restoration strategies	b) Advisory Requirements Better informed advice required c) Requirements from other EGs Impacts from climate and anthropogenic sources poorly understood		2 years	Produce a database of common and significant threats by species (or link to and update existing DIADFISH database), describe current mitigation actions and recommend subsequent actions
e	Develop stock assessment Methodologies for key	b) advisory requirements		3 yrs	Provide guidance on appropriate

	species of interest for which assessments are currently no available or difficult			assessments and example of possible assessments for diadromous fish other than salmon and eel
f	Synthesise an Ecosystem Approach for Diadromous fish consistent with ICES Strategy	c) science and advisory requirements relating to environmental drivers	3 yrs	Produce a Working paper to bring issues relating to diadromous fish under a common umbrella relating to the EAM and IEAs.

### Summary of the Work Plan

Year 1	Report of status of Diadromous fish (update from 2005) with exchange of knowledge with North American investigators. Template of status of individual species relating to most recent investigations. Update database of information on diadromous fish based on DIADFISH initiative.
Year 2	Provide an overview of monitoring for diadromous fish species and recommendations for monitoring in future years. Produce a template of threats and effective mitigation measures.
Year 3	Progress assessments methods and approaches for diadromous fish other than eel and salmon Progress incorporation of diadromous into the Ecosystem Approach to be consistent with ICES Strategy

### Supporting information

Priority	In 2005 the ICES Diadromous Fish Committee (SGSDFS) published a report on diadromous fish species (ICES CM 2005/I:02 Ref. ACFM, ACE, G) to report on the status and distribution of these poorly understood species. Since the 2005 report, there have been increasing legal drivers to protect and restore these species mainly for biodiversity reasons. This has further highlighted knowledge gaps in the biology of these species, but has also been restrained by social barriers in explaining the biological function and importance of these species in the wider ecosystem. Meanwhile, pressure from development in freshwater, transitional and marine zones continues to threaten the life cycle of these species.  A Workshop on Shads and Lampreys proposed by WGRECORDS met in November 2014 to provide information relating to shads and lampreys. The outputs from this workshop will be used by the WGDAM to progress their ToRs.
Resource requirements	The research programmes which provide the main input to this group are already underway, and resources are already committed. The additional resource required to undertake additional activities in the framework of this group is negligible.
Participants	Experts on diadromous fish from North America, Europe (including Scandinavia and Russian Federation).
Secretariat facilities	Support for meetings and report writing. WGRECORDS sharepoint can be used for communications.
Financial	None
Linkages to ACOM and group under ACOM	Links to ACOM. Although species in question not subject to fisheries per se, there may be some bycatch issues in existing commercial fisheries.
Linkages to other committees or groups	Proposed by WGRECORDS, links to WGAQUA, Workshop on Shads and Lampreys.

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Linkages to other organization IUCN

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