

## Theme Session J

### Is there more to eels than SLIME?

Conveners: Mike Pawson (UK), Håkan Wickström (Sweden), and Willem Dekker (The Netherlands)

#### Agenda and Order of the Day

Tuesday 19 September 11.30–12.30 (Room 0.5)

Tuesday 19 September 13.30–15.30 (Room 0.5)

Tuesday 19 September 16.00–18.00 (Room 0.5)

		<b>Time</b>
<b>1.</b>	<b>Opening</b>	11.30
<b>2.</b>	<b>Introduction</b> Keynote talk on eel management needs, etc. by Willem Dekker (Netherlands) <i>et al.</i>	11.30
<b>3.</b>	<b>Presentation of Papers</b>	
<i>Code</i>	<i>Author(s) and title</i>	
J:23	<i>Brian Knights, Tony Bark, and Beth Williams: A review of the status of European eel stocks in northwest Europe</i>	12.00
J:33	<i>D. K. Cairns et al.: Why has the American eel (<i>Anguilla rostrata</i>) declined dramatically in the St. Lawrence River but not the Gulf?</i>	12.20
	<b>Lunch break</b>	12.30
J:17	<i>Hee-Yong Kim and S. Kimura: Effect of El Niño on migration and larval transport of the Japanese eel, <i>Anguilla japonica</i></i>	13.30
J:22	<i>T. P. Bult and W. Dekker: An experimental field study on the migratory behaviours of glass eel (<i>Anguilla anguilla</i>) at the interface of fresh and salt waters, with implications to the management and improvement of glass eel migration</i>	13.50
J:03	<i>Laurent Beaulaton and Cédric Briand: Effect of management measures on glass eel escapement</i>	14.10
J:11	<i>Tony Bark, Beth Williams, and Brian Knights: The current status and temporal trends in stocks of the European eel in England and Wales</i>	14.30
J:07	<i>Patrick Lambert, Laurent Beaulaton, Françoise Daverat, and Christian Rigaud: Assessment of eel stock status in Garonne and Dordogne water bodies by analysing length structures</i>	14.50
J:14	<i>D. Bevacqua, A. J. Crivelli, P. Melià, M. Andrello, G. A. De Leo, and M. Gatto: Effectiveness of different measures for the recovery of the European eel (<i>Anguilla anguilla</i>) stock: an analysis for the Camargue lagoons</i>	15.10
	<b>Coffee break</b>	15.30

J:04	<i>Jan Klein Breteler, Tim Vriese, Jost Borcharding, André Breukelaar, Lothar Jörgensen, Stefan Staas, Gerard de Laak, and Detlev Ingendahl</i> : Assessment of population size and migration routes of silver eel in the river Rhine: a two-year combined mark-recapture and telemetry study	16.00
J:27	<i>Alan M. Walker, Miran W. Aprahamian, Mike Pawson, B. Williams, A. Bark, and B. Knights</i> : Modelling of <i>Anguilla anguilla</i> production and silver eel escapement for the river Severn, compliance with targets and development of management plans	16.20
J:08	<i>Uwe Brämick, Janek Simon, and Erik Fladung</i> : Monitoring of European eel stocks in North-East Germany	16.40
J:35	<i>Mårten Åström and Willem Dekker</i> : Speed of recovery of recruitment of the European eel	17.00
J:05	<i>D. J. Jellyman</i> : Status of New Zealand freshwater eel stocks and management initiatives	17.20
J:28	<i>Hendrik Dörner, Christian Skov, Søren Berg, Torsten Schulze, Douglas Beare, and Gerard Van der Velde</i> : The diet of large eels ( <i>Anguilla anguilla</i> ) in relation to food availability	17.40

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Wednesday 20 September 08.30–10.00 (Room 0.5)

Wednesday 20 September 10.30–12.30 (Room 0.5)

J:06	<i>David N. Carss</i> : Getting to grips with European Eel ( <i>Anguilla anguilla</i> ) population dynamics at two spatial scales	08.30
J:15	<i>Janek Simon</i> : Age, growth and condition of European eel ( <i>Anguilla anguilla</i> ) from six lakes in the river Havel system (Germany)	08.50
J:31	<i>Isabel Domingos, José Lino Costa, and Maria José Costa</i> : Consequences of unreliable age determination in the management of the European eel, <i>Anguilla anguilla</i> (Linnaeus, 1758)	09.10
J:10	<i>Karsten Zumholz, Eva Jakob, and Reinhold Hanel</i> : Life history traits and migration behaviour of European eel – The effects of habitat choice on eel spawner quality	09.30
J:18	<i>Linas Ložys, Chia-Hui Wang, Jen-Chieh Shiao, Yoshiyuki Iizuka, Chen-Feng You, and Wann-Nian Tzeng</i> : Stock discrimination of the European eel <i>Anguilla anguilla</i> in Lithuanian waterbodies by otolith Sr:CA ratios and other elemental signatures	09.50
	<b>Coffee break</b>	10.00
J:26	<i>Håkan Westerberg, Ingvar Lagenfelt, and Henrik Svedäng</i> : Silver eel migration behaviour in the Baltic	10.30
J:25	<i>H. V. Winter and H. M. Jansen</i> : Against all odds: silver eel mortality in the River Meuse in a population perspective	10.50
J:20	<i>Paula Cullen and T. K. McCarthy</i> : Going with the flow – Can managing flow regimes aid in promoting silver eel spawner escapement from the Irish River Shannon system?	11.10
J:12	<i>Claude Belpaire and Geert Goemans</i> : Eels : contaminant cocktails pinpointing environmental contamination	11.30
J:34	<i>Arjan Pastra, V. J. T. van Ginneken, A. J. Murk, and G. E. E. J. M. van den Thillart</i> : Are dioxin-like contaminants responsible for the eel ( <i>Anguilla anguilla</i> ) drama?	11.50
J:32	<i>Gregory E. Maes and Filip A. M. Volckaert</i> : Challenges in using genetics for European eel management: current status	12.10

## Posters

- J:01 *Yu-Jia Lin, Su-Lean Chang, Mei-Yu Chang, Shih-Huan Lin, Tzzy-Ing Chen, Mao-Sen Su, Wei-Cheng Su, and Wann-Nian Tzeng*: Estimation of the abundance of Japanese eels *Anguilla japonica* in the Kao-Ping River estuary of Taiwan using the mark-recapture method
- J:09 *W. N. Tzeng*: Sex-dependent habitat use of the Japanese eel *Anguilla japonica* in Taiwan
- J:13 *Mei-Chen Tseng, Wann-Nian Tzeng, and Sin-Che Lee*: Comparing the population structure of temperate *Anguilla japonica* with tropical *A. marmorata* in the Northwestern Pacific Ocean
- J:16 *Yu-Jia Lin, Linas Ložys, and Jeng-Chieh Shiao*: Effects of habitat and restocking on the growth of European eel *Anguilla anguilla*
- J:21 *Eva Jakob, Karsten Zumholz, and Reinhold Hanel*: The influence of habitat choice on parasite infestation of European eel in northern Germany
- J:24 *H. M. Jansen, H. V. Winter, M. C. M. Bruijs, and H. Polman*: Just go with the flow? How individual behaviour and river discharge affects silver eel mortality in the river Meuse
- J:29 *José Lino Costa, Isabel Domingos, Armando Jorge Almeida, Eric Feunteun, and Maria José Costa*: The interaction between *Anguilla anguilla* (Linnaeus, 1758) and *Halobatrachus didactylus* (Bloch & Schneider, 1801) and potential consequences of climatic changes
- J:36 *Jaime Castellanos, Marina Santurtún, Estibaliz Díaz, P. Prouzet, and N. Bru*: Recruitment and migration behaviour of glass eel in the Oria River: Preliminary results from the 2005–2006 season
- J:37 *C. Geeraerts, H. Verbiest, C. Belpaire, M. Ovidio, J. C. Philippart, P. Gérard, G. Doignon, G. De Boeck, and L. Bervoets*: EELBASE: A 4-years eel research proposal submitted to the Belgian Research programme “Science for a Sustainable Development”
- J:38 *Sérgia Costa Dias, Alfredo Oliveira, and Carlos Antunes*: Minho river basin catchment area suitability for the European eel
- J:39 *Marcin Blaszkowski and T. K. McCarthy*: Variation in sex ratio of silver eels in the lower River Shannon, Ireland