

Tribute

Carey D. McAllister (3 May 1931 – 17 December 2011) 

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): iii-iv,
10.1139/f2012-067

[» Citation](#)

PDF (854 K)

PDF Plus (488 K)

Rapid Communication

**A widespread decrease in productivity of sockeye salmon
(*Oncorhynchus nerka*) populations in western North America** 

Randall M. Peterman, Brigitte Dorner

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1255-1260,
10.1139/f2012-063

[» Abstract](#)

Full Text

PDF (649 K)

PDF Plus (414 K)

Supplementary data

**Concordant estimates of countergradient growth variation in
striped bass (*Morone saxatilis*) using comparative life-history data** 

Andrew L. Rypel

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1261-1265,
10.1139/f2012-069

[» Abstract](#)

Full Text

PDF (126 K)

PDF Plus (171 K)

Supplementary data

Article

**Estuarine ingress timing as revealed by spectral analysis of otolith
life history scans** 

Reneé R. Hoover, Cynthia M. Jones, Chester E. Grosch

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1266-1277,
10.1139/f2012-058

[» Abstract](#)

Full Text

PDF (748 K)

PDF Plus (492 K)

**Sounds from seismic air guns: gear- and species-specific effects on
catch rates and fish distribution** 

Svein Løkkeborg, Egil Ona, Aud Vold, Are Salthaug

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1278-1291,
10.1139/f2012-059

[» Abstract](#)

Full Text PDF (1703 K) PDF Plus (1763 K)

- Linking fishing mortality reference points to life history traits: an empirical study** 

Shijie Zhou, Shaowu Yin, James T. Thorson, Anthony D.M. Smith, Michael Fuller

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1292-1301, [» Abstract](#)
10.1139/f2012-060


Full Text PDF (149 K) PDF Plus (228 K) Supplementary data

- Dispersal and retention of larval fish in a potential nursery habitat of a large temperate river: an experimental study** 

Elisabeth Schludermann, Michael Tritthart, Paul Humphries, Hubert Keckeis

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1302-1315, [» Abstract](#)
10.1139/f2012-061

Full Text PDF (1677 K) PDF Plus (617 K)

- Modeling the timing of spawning and hatching of shortnose sturgeon, *Acipenser brevirostrum*, in the Saint John River, New Brunswick, Canada** 

Sima Usvyatsov, Jeffrey Picka, Ryan Scott Hardy, Travis Dawson Shepherd, James Watmough, Matthew Kenneth Litvak

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1316-1328, [» Abstract](#)
10.1139/f2012-062

Full Text PDF (532 K) PDF Plus (598 K)

- Bags-of-Features for fish school cluster characterization in pelagic ecosystems: application to the discrimination of juvenile and adult anchovy (*Engraulis ringens*) clusters off Peru** 

Ronan Fablet, Paul Gay, Salvador Peraltilla, Cecilia Peña, Ramiro Castillo, Arnaud Bertrand

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1329-1339, [» Abstract](#)
10.1139/f2012-064


Full Text PDF (1269 K) PDF Plus (514 K)

- Interannual variation in larval survival of snapper (*Chrysophrys auratus*, Sparidae) is linked to diet breadth and prey availability** 

Hannah M. Murphy, Gregory P. Jenkins, Paul A. Hamer, Stephen E. Swearer

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1340-1351, [» Abstract](#)
10.1139/f2012-066

Full Text PDF (455 K) PDF Plus (490 K)

- Mating structure of an endangered population of wild Atlantic salmon (*Salmo salar*) as determined using sibship reconstruction and a novel method of sex inference** 

Louise G. de Mestral, Christophe M. Herbinger, Patrick T. O'Reilly

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1352-1361, [» Abstract](#)
10.1139/f2012-065

Full Text PDF (298 K) PDF Plus (268 K) Supplementary data


Movement of adult temperate reef fishes off the west coast of North America 

Jan Freiwald

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1362-1374, [» Abstract](#)
10.1139/f2012-068

Full Text PDF (509 K) PDF Plus (342 K) Supplementary data

Title Page

A New Hydrology: Inflow Effects on Ecosystem Form and Functioning. A special session derived from the February 2011 Association for the Sciences of Limnology and Oceanography (ASLO) Aquatic Sciences conference in San Juan, Puerto Rico / Nouvelle hydrologie : effets des apports d'eau sur la forme et le fonctionnement des écosystèmes. Séance de travail spéciale issue du congrès de l'Association for the Sciences of Limnology and Oceanography (ASLO) qui s'est tenu en février 2011 à San Juan (Puerto Rico) 

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8) , [» Citation](#)
10.1139/f2012-075

PDF (422 K) PDF Plus (424 K)

Introduction


A new hydrology: effects on ecosystem form and functioning 

Daniel L. Roelke, Sofie Spatharis, Simon M. Mitrovic

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1377-1379, [» Abstract](#)
10.1139/f2012-085

Full Text PDF (57 K) PDF Plus (107 K)

Article

Using habitat suitability models to predict changes in seagrass distribution caused by water management practices 

¹This article is derived from a special session entitled "A New Hydrology: Inflow Effects on Ecosystem Form and Functioning" that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Rolando O. Santos, Diego Lirman

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1380-1388, [» Abstract](#)
10.1139/f2012-018

Full Text PDF (2747 K) PDF Plus (474 K)


- Anticipated human population and climate change effects on algal blooms of a toxic haptophyte in the south-central USA** 

¹This article is derived from a special session entitled “A New Hydrology: Inflow Effects on Ecosystem Form and Functioning” that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Daniel L. Roelke, Bryan W. Brooks, James P. Grover, George M. Gable, Leslie Schwierzke-Wade, Natalie C. Hewitt

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1389-1404, [» Abstract](#)
10.1139/f2012-019

Full Text PDF (3631 K) PDF Plus (1399 K)

- Extreme streams: flow intermittency as a control on diatom communities in meltwater streams in the McMurdo Dry Valleys, Antarctica** 

¹This article is derived from a special session entitled “A New Hydrology: Inflow Effects on Ecosystem Form and Functioning” that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Lee F. Stanish, Tyler J. Kohler, Rhea M.M. Esposito, Breana L. Simmons, Uffe N. Nielsen, Diana H. Wall, Diana R. Nemergut, Diane M. McKnight

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1405-1419, [» Abstract](#)
10.1139/f2012-022

Full Text PDF (1508 K) PDF Plus (685 K)

- Salt marsh connectivity and freshwater versus saltwater inflow: multiple methods including tidal gauges, water isotopes, and LIDAR elevation models** 

¹This article is derived from a special session entitled “A New Hydrology: Inflow Effects on Ecosystem Form and Functioning” that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Ricardo J. Colón-Rivera, Rusty A. Feagin, Jason B. West, Kevin M. Yeager

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1420-1432, [» Abstract](#)
10.1139/f2012-046

Full Text PDF (2359 K) PDF Plus (707 K)

- Algal community responses to shallow lake dystrophication** 

¹This article is derived from a special session entitled “A New Hydrology: Inflow Effects on Ecosystem Form and Functioning” that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Matthew N. Waters, Michael F. Piehler, Joseph M. Smoak, Thomas S. Bianchi

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1433-1443,
10.1139/f2012-021

[» Abstract](#)

[Full Text](#)

[PDF \(284 K\)](#)

[PDF Plus \(331 K\)](#)

**First record of a *Trichodesmium erythraeum* bloom in the
Mediterranean Sea**



¹This article is derived from a special session entitled “A New Hydrology: Inflow Effects on Ecosystem Form and Functioning” that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.

Sofie Spatharis, Nikolaos Skliris, Alexandra Meziti, Konstantinos Ar. Kormas

Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69(8): 1444-1455,
10.1139/f2012-020

[» Abstract](#)

[Full Text](#)

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