



List of significant FAO publications related to Aquatic Genetic Resources for Food and Agriculture

2019
<p>FAO. 2019. ABS Elements: Elements to facilitate domestic implementation of access and benefit-sharing for different subsectors of genetic resources for food and agriculture with explanatory notes. <i>FAO Commission on Genetic Resources for Food and Agriculture</i>. Rome, FAO. 88 pp. (also available at http://www.fao.org/3/ca5088en/ca5088en.pdf).</p> <p>This publication is also available in Spanish, French, Chinese and Russian.</p>
<p>FAO. 2019. The State of the World's Aquatic Genetic Resources for Food and Agriculture. <i>FAO Commission on Genetic Resources for Food and Agriculture assessments</i>. Rome, FAO. 291 pp. (also available at http://www.fao.org/3/ca5256en/ca5256en.pdf).</p>
<p>FAO. 2019. The State of the World's Aquatic Genetic Resources for Food and Agriculture - in brief. <i>FAO Commission on Genetic Resources for Food and Agriculture assessments</i>. Rome, FAO. 20 pp. (also available at http://www.fao.org/3/ca5345en/ca5345en.pdf).</p> <p>This publication is also available in Spanish, French, Chinese, Arabic and Russian.</p>
2018
<p>FAO. 2018. Aquaculture development. 9. Development of aquatic genetic resources: A framework of essential criteria. <i>FAO Technical Guidelines for Responsible Fisheries</i>. Rome, FAO. 88 pp. (also available at http://www.fao.org/3/ca2296en/ca2296en.pdf).</p>
<p>FAO. 2018. Protecting Aquatic Resources and Stocks in the Coral Triangle Region of Southeast Asia. Rome, FAO. 2 pp. (also available at http://www.fao.org/3/I9206EN/i9206en.pdf).</p> <p>This publication is also available in Spanish and French.</p>
2017
<p>FAO. 2017. Diversification in aquaculture as a response to drivers, including climate change and other drivers. <i>FAO Fisheries and Aquaculture Proceedings</i>. Rome, FAO. 166 pp. (also available at http://www.fao.org/3/a-i7358e.pdf).</p>
2016
<p>Carpenter, K.E. & De Angelis, N. 2016. The living marine resources of the Eastern Central Atlantic. Volume 4: Bony fishes part 2 (Perciformes to Tetradontiformes) and Sea turtles. <i>FAO Species Identification Guide for Fishery Purposes</i>. Rome, FAO. 820 pp. (also available at http://www.fao.org/3/i5715e/i5715e.pdf).</p>
<p>FAO. 2016. Report of the Expert workshop on incorporating genetic diversity and indicators into statistics and monitoring of farmed aquatic species and their wild relatives. <i>FAO Fisheries and Aquaculture Report</i>. Rome, FAO. 34 pp. (also available at http://www.fao.org/3/i6373en/i6373en.pdf).</p>



2013

Fischer, J. 2013. Fish identification tools for biodiversity and fisheries assessments. Review and guidance for decision-makers. *FAO Fisheries and Aquaculture Technical Paper*. Rome, FAO. 107pp. (also available at <http://www.fao.org/3/a-i3354e.pdf>).

Halwart, M., Hett, K., García Gómez, R. & Bartley, D. 2013. Improving the Information Base for Aquatic Genetic Resources for The State of The World's Aquatic Genetic Resources. *FAO Fisheries and Aquaculture Proceedings*. Rome, FAO. 57 pp. (also available at <http://www.fao.org/3/a-i2684e.pdf>).

2011

FAO. 2011. Aquatic diversity. Underwater and unexplored. *Commission on Genetic Resources for Food and Agriculture*. Rome, FAO. 2 pp. (also available at <http://www.fao.org/3/a-a1385e.pdf>).

This publication is also available in Spanish, French, Chinese, Arabic and Russian.

2009

Bartley, D.M., Nguyen, T.T.T., Halwart, M. & De Silva, S.S. 2009. Use and exchange of aquatic genetic resources in aquaculture: information relevant to access and benefit sharing. *Reviews in Aquaculture*, 1(3-4), 157-162. (also available at <https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1753-5131.2009.01009.x>).

FAO. 2009. The Use and Exchange of Aquatic Genetic Resources for Food and Agriculture. *BACKGROUND STUDY PAPER*. Rome, FAO. 44 pp. (also available at <http://www.fao.org/3/a-ak527e.pdf>).

2008

FAO. 2008. Aquaculture development. 3. Genetic resource management. *FAO Technical Guidelines for Responsible Fisheries*. Rome, FAO. 125pp. (also available at <http://www.fao.org/3/a-i0283e.pdf>).

This publication is also available in Spanish, French, Chinese, Arabic and Russian.

2007

Bartley, D.M. 2007. An Ecosystems Approach to Risk Assessment of Alien Species and Genotypes in Aquaculture. *Ecological and Genetic Implications of Aquaculture Activities*. Springer Netherlands. 35-52. (also available at <https://link.springer.com/content/pdf/10.1007%2F978-1-4020-6148-6.pdf>).

Bartley, D.M., Harvey, B.J. & Pullin, R.S.V. 2007. Workshop on Status and Trends in Aquatic Genetic Resources: a Basis for International Policy. 8–10 May 2006, Victoria, British Columbia, Canada. *FAO Fisheries Proceedings*. Rome, FAO. 191 pp. (also available at <http://www.fao.org/3/a-a1337e.pdf>).

Bondad Reantaso, M.G. 2007. Assessment of freshwater fish seed resources for sustainable aquaculture. *FAO Fisheries Technical Paper*. Rome, FAO. 628 pp. (also available at <http://www.fao.org/3/a-a1495e.pdf>).



FAO. 2007. Status and trends in aquatic genetic resources: a basis for international policy. *BACKGROUND STUDY PAPER*. Rome, FAO. 26 pp. (also available at <http://www.fao.org/3/a-k0105e.pdf>).

FAO. 2007. The world's aquatic genetic resources: status and needs. *Commission on Genetic Resources for Food and Agriculture*. Rome, FAO. (also available at <http://www.fao.org/3/a-j9581e.pdf>).

This publication is also available in Spanish, French, Chinese and Arabic.

2006

Bartley, D.M. et al. (eds and comps). 2006. Alien species in fisheries and aquaculture: information for responsible use. CD RoM. Rome, FAO.

Moehl, J., Brummett, R. & Ponzoni, R. 2006. Genetic management of aquaculture stocks in sub-Saharan Africa - Report of a Producers' Workshop. Accra, Ghana, 27 February-3 March 2006. *CIFAA Occasional Paper (Committee of Inland Fisheries and Aquaculture for Africa)*. Rome, FAO. 55 pp. (also available at <http://www.fao.org/3/ag388e/ag388e.pdf>).

2005

Silva, S.S. De & Funge-Smith, S. 2005. A review of stock enhancement practices in the inland water fisheries of Asia. *RAP Publication*. Rome, FAO. 101 pp. (also available at <http://www.fao.org/3/ae932e.pdf>).

Bartley, D.M., Bhujel, R.C., Funge-Smith, S., Olin P.G., & Phillips, M.J. (eds and comps). 2005. International Mechanisms for the Control and Responsible Use of Alien Species In Aquatic Ecosystems, Report of an Ad Hoc Expert Consultation. 27-30 August 2003, Xishuangbanna, People's Republic of China. *FAO Non-Serial Publication*. FAO, Rome. 203 pp. (also available at <http://www.fao.org/3/a-a0113e.pdf>).

Bartley, D.M., Crespi, V., Fleischer, I.J. and R. Subasinghe. 2005. Aquatic alien species and their contribution to aquatic production, food security and poverty alleviation: an overview of data from ASEAN countries. In J. Fisher et al. (eds) *Invasive alien species*. NOAA/ASEAN et al. Washington, D.C.

2004

Bartley, D.M & Marttin, F. 2004. Introduction of alien species and genotypes and their impact on biodiversity. Pages 16-21 in M.V. Gupta, D.M. Bartley and B.O. Acosta (eds), *Conservation of Aquatic Biodiversity and Use of Alien Species for Aquaculture in Africa*. Nairobi, Kenya. 20-23 February, 2002. *ICLARM Conference Proceedings*. (also available at http://pubs.iclarm.net/Pubs/alien_species/pdf/03.pdf).

De Silva, S.S., Subasinghe, R.P., Bartley, D.M. & Lowther, A. 2004. Tilapias as alien aquatics in Asia and the Pacific: a review. *FAO Fisheries Technical Paper*. Rome, FAO. 74pp. (also available at <http://www.fao.org/3/a-y5728e.pdf>).



2003
John A. B. & Joanne S. P. 2003. Genetically modified organisms and aquaculture. <i>FAO Fisheries Circular</i> . Rome, FAO. (also available at http://www.fao.org/3/a-y4955e.pdf).
2002
Carpenter, K.E. 2002. The living marine resources of the Western Central Atlantic. Volume 1: Introduction, molluscs, crustaceans, hagfishes, sharks, batoid fishes, and chimaeras. <i>FAO Species Identification Guide for Fishery Purposes</i> . Rome, FAO. 607 pp. (also available at http://www.fao.org/3/y4160e/y4160e.pdf).
Carpenter, K.E. 2002. The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae). <i>FAO Species Identification Guide for Fishery Purposes</i> . Rome, FAO. 781 pp. (also available at http://www.fao.org/3/y4161e/y4161e.pdf).
Carpenter, K.E. 2002. The living marine resources of the Western Central Atlantic. Volume 3. Bony fishes part 2 (Ophistognathidae to Molidae), sea turtles and marine mammals. <i>FAO Species Identification Guide for Fishery Purposes</i> . Rome, FAO. 758 pp. (also available at http://www.fao.org/3/y4162e/y4162e.pdf).
Gupta, M.V., Bartley, D.M. & Acosta, B.O. (eds). 2002. Conservation of Aquatic Biodiversity and Use of Alien Species for Aquaculture in Africa. Nairobi, Kenya. 20-23 February 2002. ICLARM Conference Proceedings.
2001
Bartley, D.M., Rana, K. & Immink, A.J. 2001. The use of inter-specific hybrids in aquaculture and fisheries. <i>Rev. Fisheries and Fish Biol.</i> , 10: 325-337. (also available at https://link.springer.com/content/pdf/10.1023%2FA%3A1016691725361.pdf).
Carpenter, K.E. & Niem, V.H. 2001. The living marine resources of the Western Central Pacific. Volume 5. Bony fishes part 3 (Menidae to Pomacentridae). <i>FAO Species Identification Guide for Fishery Purposes</i> . Rome, FAO. 5: 2791–3380. (also available at http://www.fao.org/3/a-y0770e.pdf).
2000
Bartley, D.M. 2000. Genetically modified organisms in fisheries. <i>Pages 71–77 in The State of the World Fisheries and Aquaculture</i> . FAO, Rome. (also available at http://www.fao.org/3/a-x8002e.pdf) This publication is also available in Spanish and French.
1999
Carpenter, K.E. & Niem, V.H. 1999. The living marine resources of the Western Central Pacific. Volume 4. Bony fishes part 2 (Mugilidae to Carangidae). <i>FAO Species Identification Guide for Fishery Purposes</i> . Rome, FAO. 721 pp. (also available at http://www.fao.org/3/a-x2400e.pdf).



Tave, D. 1999. Inbreeding and brood stock management. *FAO Fisheries and Aquaculture Technical Paper*. Rome, FAO. (also available at <http://www.fao.org/3/a-x3840e.pdf>).

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Smith, P.J. 1994. Genetic diversity of marine fisheries resources - Possible impacts of fishing. *FAO Fisheries Technical Paper*. Rome, FAO. (also available at <http://www.fao.org/3/v4865e/v4865e.pdf>).

This publication is also available in Spanish and French.

1986

FAO. 1986. Report of the Symposium on Selection, Hybridization and Genetic Engineering in Aquaculture of Fish and Shellfish for Consumption and Stocking. *EIFAC Technical Paper*. Rome, FAO. 65 pp. (also available at <http://www.fao.org/3/a-af001e.pdf>).

This publication is also available in French.