



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

2022
<p><b>Mair, G. and Lucente, D.</b> (2022). FAO Resources for Strategic Planning. <i>Indian J. of Plant Genet. Resour.</i> 35(3): 285-288</p>
<p><b>Mair, G.C., Lucente, D.</b> 2022. FAO Council adopts a Global Plan of Action for enhancing the management of aquatic biodiversity used for aquaculture. <a href="https://www.fao.org/3/cc0158en/cc0158en.pdf#page=35">https://www.fao.org/3/cc0158en/cc0158en.pdf#page=35</a></p>
<p><b>FAO.</b> 2022. <i>Global plan of action for the conservation, sustainable use and development of aquatic genetic resources for food and agriculture.</i> Commission on Genetic Resources for Food and Agriculture. Rome. <a href="https://doi.org/10.4060/cb9905en">https://doi.org/10.4060/cb9905en</a></p>
2021
<p><b>FAO.</b> 2021. Regional workshops on development of a global information system for farmed types of aquatic genetic resources (incorporating a review of strategic priorities for a global plan of action): Africa, Asia and the Pacific, Europe and Central Asia, Latin America and the Caribbean and North America, Near East.</p>
<p><b>Lucente, D., Ellenbroek, A., Viparthy, K. &amp; Mair, G.C.</b> 2021. A global information system for aquaculture farmed types. <i>INFOFISH International</i>, No. 4/2021, pp. 54–57. <a href="http://ii.infofish.org/index.php/my-dashboard/item/infofish-international-issue-04-2021">http://ii.infofish.org/index.php/my-dashboard/item/infofish-international-issue-04-2021</a></p>
<p><b>Lucente, D., Sims, S., Lei, G. &amp; Mair, G.</b> 2021. <i>Conservation of farmed aquatic species: an opportunity we must not miss!</i> FAO Aquaculture News No. 63, pp. 51–53. <a href="http://www.fao.org/3/cb4850en/cb4850en.pdf#page=51">www.fao.org/3/cb4850en/cb4850en.pdf#page=51</a></p>
<p><b>Mair, G.C., Lucente, D., Viparthy, K. &amp; Ellenbroek, A.</b> 2021. <i>FAO releases a prototype of a new global information system for aquatic diversity.</i> FAO Aquaculture News No. 64, pp. 47–49. <a href="http://www.fao.org/3/cb8047en/cb8047en.pdf#page=47">www.fao.org/3/cb8047en/cb8047en.pdf#page=47</a></p>
2020
<p><b>Mair, G.C. &amp; Lucente, D.</b> 2020. <i>What are “Farmed Types” in aquaculture and why do they matter?</i> FAO Aquaculture Newsletter No. 61: 40–42. <a href="http://www.fao.org/3/ca8302en/ca8302en.pdf#page=40">www.fao.org/3/ca8302en/ca8302en.pdf#page=40</a></p>
<p><b>Pilling, D., Bélanger, J., Diulgheroff, S., Koskela, J., Leroy, G., Mair, G. &amp; Hoffmann, I.</b> 2020. Global status of genetic resources for food and agriculture: challenges and research needs. <i>Genetic Resources</i>, 1(1): 4–16. <a href="https://doi.org/10.46265/genresj.2020.1.4-16">https://doi.org/10.46265/genresj.2020.1.4-16</a></p>
2019

**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*. Rome. 88 pp. <https://www.fao.org/3/CA5345EN/CA5345EN.pdf>

**FAO.** 2019. *The State of the World's Aquatic Genetic Resources for Food and Agriculture*. FAO Commission on Genetic Resources for Food and Agriculture Assessments. Rome. 291 pp. [www.fao.org/3/ca5256en/ca5256en.pdf](http://www.fao.org/3/ca5256en/ca5256en.pdf)

**FAO.** 2019. *The State of the World's Aquatic Genetic Resources for Food and Agriculture – in brief*. FAO Commission on Genetic Resources for Food and Agriculture assessments. Rome. 20 pp. [www.fao.org/3/ca5088en/ca5088en.pdf](http://www.fao.org/3/ca5088en/ca5088en.pdf)

## 2018

**FAO.** 2018. *Aquaculture development. Development of aquatic genetic resources: A framework of essential criteria*. FAO Technical Guidelines for Responsible Fisheries 5 Suppl. 9. Rome. 88 pp. [www.fao.org/3/ca2296en/ca2296en.pdf](http://www.fao.org/3/ca2296en/ca2296en.pdf)

**FAO.** 2018. *Protecting aquatic resources and stocks in the coral triangle region of southeast Asia*. Rome. 2 pp. [www.fao.org/3/i9206en/i9206en.pdf](http://www.fao.org/3/i9206en/i9206en.pdf)

## 2017

**FAO.** 2017. *Planning for aquaculture diversification: the importance of climate change and other drivers*. FAO Fisheries and Aquaculture Proceedings No. 47. Rome. 166 pp. [www.fao.org/3/a-i7358e.pdf](http://www.fao.org/3/a-i7358e.pdf)

## 2016

**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*. FAO Species Identification Guide for Fishery Purposes. Rome. 820 pp. [www.fao.org/3/i5715e/i5715e.pdf](http://www.fao.org/3/i5715e/i5715e.pdf)

**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*. FAO Fisheries and Aquaculture Report No. 1173. Rome. 34 pp. [www.fao.org/3/i6373en/i6373en.pdf](http://www.fao.org/3/i6373en/i6373en.pdf)

## 2013

**Fischer, J.** 2013. *Fish identification tools for biodiversity and fisheries assessments. Review and guidance for decision-makers*. FAO Fisheries and Aquaculture Technical Paper No. 585. Rome, FAO. 107 pp. [www.fao.org/3/a-i3354e.pdf](http://www.fao.org/3/a-i3354e.pdf)

**Halwart, M., Hett, K., García Gómez, R. & Bartley, D., eds.** 2013. *Improving the Information Base for Aquatic Genetic Resources for The State of The World's Aquatic Genetic Resources. FAO International Expert Workshop 1– 4 March 2011, Madrid.* Rome, FAO. 57 pp. [www.fao.org/3/a-i2684e.pdf](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. 2 pp. [www.fao.org/3/a-al385e.pdf](http://www.fao.org/3/a-al385e.pdf)

#### 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. <https://doi.org/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 No. 45. Rome. 67 pp. [www.fao.org/3/ak527e/ak527e.pdf](http://www.fao.org/3/ak527e/ak527e.pdf)

#### 2008

**FAO.** 2008. *Aquaculture development. Genetic resource management.* FAO Technical Guidelines for Responsible Fisheries, No. 5, Suppl. 3. Rome. 125 pp. [www.fao.org/3/a-i0283e.pdf](http://www.fao.org/3/a-i0283e.pdf)

#### 2007

**Bartley, D.M.** 2007. An ecosystems approach to risk assessment of alien species and genotypes in aquaculture. In T.M. Bert, ed. *Ecological and genetic implications of aquaculture activities*, pp. 35–52. Dordrecht, Netherlands, Springer. <https://doi.org/10.1007/978-1-4020-6148-6>

**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 5. [www.fao.org/3/a-a1337e.pdf](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 No. 501. Rome, FAO. 628 pp. [www.fao.org/3/a1495e/a1495e00.htm](http://www.fao.org/3/a1495e/a1495e00.htm)

**FAO.** 2007. *Status and trends in aquatic genetic resources: a basis for international policy.* Background Study Paper No. 37. Rome. 26 pp. [www.fao.org/3/k0105e/k0105e.pdf](http://www.fao.org/3/k0105e/k0105e.pdf)

**FAO.** 2007. *The world's aquatic genetic resources: status and needs.* Commission on Genetic Resources for Food and Agriculture. Rome. 14 pp. [www.fao.org/publications/card/en/c/e290d4e0-b23e-52b0-8ded-a47741f52567](http://www.fao.org/publications/card/en/c/e290d4e0-b23e-52b0-8ded-a47741f52567)

**2006**

**Bartley, D.M. et al.** 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*. CIFA Occasional Paper (Committee of Inland Fisheries and Aquaculture for Africa) No. 27. Rome, FAO. 55 pp. [www.fao.org/3/ag388e/ag388e.pdf](http://www.fao.org/3/ag388e/ag388e.pdf)

**2005**

**De Silva, S.S. & Funge-Smith, S.** 2005. *A review of stock enhancement practices in the inland waterfisheries of Asia*. RAP Publication 2005/12. Rome, FAO. 101 pp. [www.fao.org/3/ae932e.pdf](http://www.fao.org/3/ae932e.pdf)

**Bartley, D.M., Bhujel, R.C., Funge-Smith, S., Olin, P.G. & Phillips, M.J.** 2005. *International mechanisms for the control and responsible use of alien species in aquatic ecosystems, 27–30 August 2003, Xishuangbanna, People's Republic of China*. Rome, FAO. 203 pp. [www.fao.org/3/a0113e/a0113e00.htm](http://www.fao.org/3/a0113e/a0113e00.htm)

**Bartley, D.M., Crespi, V., Fleischer, I.J. & 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., ed. *Invasive alien species*. Washington, D.C., NOAA/ASEAN.

**2004**

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**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 No. 453. Rome, FAO. 74 pp. [www.fao.org/3/a-y5728e.pdf](http://www.fao.org/3/a-y5728e.pdf)

**2003**

**Beardmore, J.A. & Porter, J.S.** 2003. *Genetically modified organisms and aquaculture*. FAO Fisheries Circular No. 989. Rome, FAO. [www.fao.org/3/y4955e/y4955e00.htm](http://www.fao.org/3/y4955e/y4955e00.htm)

**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.* FAO Species Identification Guide for Fishery Purposes. Rome, FAO. 607 pp. [www.fao.org/3/y4160e/y4160e.pdf](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)*. FAO Species Identification Guide for Fishery Purposes. [www.fao.org/3/y4161e/y4161e.pdf](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 (Opistognathidae to Molidae), sea turtles and marine mammals*. FAO Species Identification Guide for Fishery Purposes. Rome, FAO. 758 pp. [www.fao.org/3/y4162e/y4162e.pdf](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*. ICLARM Conference Proceedings. Nairobi.

#### 2001

**Bartley, D.M., Rana, K. & Immink, A.J.** 2001. Interspecific hybrids in aquaculture and fisheries. *Reviews in Fish Biology and Fisheries*, 10: 325–337.

**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)*. FAO Species Identification Guide for Fishery Purposes. Rome, FAO. pp. 2791–3380. [www.fao.org/3/a-y0770e.pdf](http://www.fao.org/3/a-y0770e.pdf)

#### 2000

**Bartley, D.M.** 2000. Genetically modified organisms in fisheries. In: *The State of the World Fisheries and Aquaculture*, pp. 71–77. Rome, FAO. [www.fao.org/3/a-x8002e.pdf](http://www.fao.org/3/a-x8002e.pdf)

#### 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)*. FAO Species Identification Guide for Fishery Purposes. Rome, FAO. 721 pp. [www.fao.org/3/a-x2400e.pdf](http://www.fao.org/3/a-x2400e.pdf)

**Tave, D.** 1999. *Inbreeding and brood stock management*. FAO Fisheries and Aquaculture Technical Paper No. 392. Rome, FAO. [www.fao.org/3/x3840e/x3840e00.htm](http://www.fao.org/3/x3840e/x3840e00.htm)

#### 1994

**Smith, P.J.** 1994. *Genetic diversity of marine fisheries resources. Possible impacts of fishing*. FAO Fisheries Technical Paper No. 344. Rome, FAO. [www.fao.org/3/v4865e/v4865e00.htm](http://www.fao.org/3/v4865e/v4865e00.htm)

#### 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 No. 50. Rome. 65 pp. [www.fao.org/3/a-af001e.pdf](http://www.fao.org/3/a-af001e.pdf)