



# SALVATORE ARICO

- 📍 79, Boulevard de Grenelle, 75015 Paris
- ✉ salvatore.arico@gmail.com
- 📞 +33 6 0936 0782

I have followed an unusual work path combining a career in the UN administration with scholarly work, fund-raising and education and mentoring. I have always been interested in nexus roles, namely at the interface of science with policy, motivated by environmental and social sustainability. Driven by a disruptive attitude to promoting and implementing the needed change, I am proud to have contributed to key biodiversity agreements for current and future generations, creating the conditions enabling the mobilization of significant funding for action in the areas of climate change and biodiversity, and the formation of the new generation of scholars and expert practitioners in sustainability. My next professional and personal challenge is to help pursue more sustainable trajectories for the future of peoples and nature, by making my competencies available to a credible and innovative organization that would be able to lead the formalization of the needed shift in the current development paradigm.

## ● EDUCATION AND SPECIALIZED TRAINING

- PhD in Marine Environment and Resources, Stazione Zoologica 'Anton Dohrn', Naples, Italy (honors with mention) (1988-1992)
- Post-Doctorate, Gerard J. Mangone Center for Marine Policy, College of Marine and Earth Studies, University of Delaware, USA (1997)
- Bachelor in Biological Sciences, University of Palermo, Italy (110/110 cum laudem) (1983-1987)
- Baccalaureate in Humanities, Liceo Classico 'Umberto I', Palermo (60/60 with mention) (1983)
- NASA Summer School in Processes of Global Change, California Institute of Technology and NASA's Jet Propulsion Laboratory, Pasadena, USA (summer 1994)
- Training certificates in results-based management; gender mainstreaming; resource mobilization; post-conflict/post-disaster operations...

## ● PROFESSIONAL EXPERIENCE

- January 2022-present: Senior Advisor to the International Science Council President and CEO
- January 2017-December 2021: Head of Ocean Science, Intergovernmental Oceanographic Commission (IOC)
- January 2015-December 2016: Executive Secretary of the UN Secretary General's Scientific Advisory Board
- July 2014-December 2017: Senior Programme Specialist, Science Policy and Capacity Building, United Nations Educational, Scientific and Cultural Organization (UNESCO)
- January 2011-June 2014: Chief, Crosscutting Unit on Biodiversity and Coordinator of the House-wide multisectoral programme on biodiversity ('UNESCO Biodiversity Initiative'); UNESCO focal point and Team Leader for IPBES; Advisor to the UNESCO Assistant Director-General for Natural Sciences on all matters related to environmental affairs and UN inter-agency coordination
- January-December 2010: Coordinator, Europe segment (27-person team) of the International Year of Biodiversity
- May 2005-December 2009: Expert and Board representative, International Assessment on Agricultural Science & Technology for Development; coordinator of the International Conference on Biodiversity Science and Governance (Paris, 2005), which led to the design of IPBES; UNESCO coordinator for UN inter-agency coordination and with the Intergovernmental Panel on Climate Change (IPCC)
- May 2000-April 2005: Programme Specialist, Board representative, and co-author and reviewer, Millennium Ecosystem Assessment; also, in charge of coordinating the design of the international programme on Ecohydrology
- January 1998-April 2000: Chief of Unit, Convention on Biological Diversity (CBD), Jakarta Mandate on Marine and Coastal Biodiversity; and, acting Chief of Unit, Inland Water Biodiversity (1999)
- January-December 1997: Researcher, College of Marine and Earth Studies, University of Delaware
- January 1993-December 1996: Associate Expert, Marine Biodiversity and Integrated Coastal Management, IOC
- May-November 1992: Lecturer, European Commission-funded project on Environmental Impact Assessment
- April 1987-April 1988: Health Assistant, Military Hospital of Palermo, Italy (mandatory one-year military service)

## ● SELECTED SIGNIFICANT SCIENCE-POLICY ROLES

- Member of the International Science Council High-level group to lead the development of the ISC's strategy in the intergovernmental system, 2021
- Secretary, UN Secretary-General' Scientific Advisory Board (UNSGSAB) (2015-2016) and in charge of the pilot exercise leading to the creation of the UNSGSAB (2014)
- Alternate Co-Chair of the Governing Council of Future Earth (2014-2016)
- UNESCO representative to the UN Group for IPBES (FAO, UNDP, UNEP and UNESCO) (2011-2016)
- UNESCO focal point for the International Council for Science (ICSU) (2011-2016); and IOC focal point for ICSU, now ISC (2017-2021)
- UNESCO focal point to the 45+ multi-agency UN Environment Management Group (2008-2016)
- Member of the Board of the Millennium Ecosystem Assessment (2001-2005)
- Ex officio member, DIVERSITAS Science Committee (2001-2014)
- Co-chair, High Seas Working Group, Global Forum on Oceans, Coasts and Islands (2005-2012)
- Expert Panelist, United Nations Informal Consultative Process on Oceans and the Law of the Sea (2006)
- Member of the Bureau of the International Assessment on Agricultural Science & Technology for Development (2004-2007)
- Member, Steering Committee, Global Terrestrial Observing System (GTOS) (2003-2006)
- Member, CBD expert groups on protected areas (2005), the Global Taxonomy Initiative (2000-2004) and Biodiversity Communication, Education and Public Awareness (2000-2005)
- Member, International Advisory Group for the Marine Peace Park Initiative in Korea (2006-2009)
- Member of the European Board, Society of Conservation Biology (February 2009-July 2011)
- Secretary to working and contact groups of multiple intergovernmental meetings (1994-2021)

## ● SIGNIFICANT SCIENTIFIC AND ACADEMIC ROLES

- Guest Editor for the Special Issue Modelling the achievement of the United Nations Sustainable Development Goals for Ecological Modelling (2022)
- Member of the Organizing Committees of the 4th (2018) and 5th (2023) Symposia on the Effects of Climate Change on the World Ocean
- Member of the Organizing Committee of the Open Science Conference on Eastern Boundary Upwelling Systems (Lima, Peru, 2022)
- Member of the steering committee of the World Climate Research Programme Open Science Conference (2023)
- Member of the Scientific Committee of the Liège Colloquium on ocean stressors (2021)
- Member of the selection panel of the Scientific Advisory Group for the Globally Ingenious Agricultural Heritage Sites (2021)
- Visiting Principal Fellow Research, School of Marine and Environmental Sciences, University of Malaysia Terengganu, Terengganu, Malaysia (2017-present)
- Visiting Senior Research Fellow, Institute of Advanced Study on Sustainability, United Nations University (UNU), Yokohama then Tokyo, Japan (2004-2006; 2011; 2014-2017)
- Visiting Researcher, University of Delaware, Newark, USA (2011; 2013-2016) and member of the international MSc (2013-2014) and PhD (2014-2017) boards
- Visiting Professor, Parthenope University of Naples, Italy (2009, 2010) and member of the Board of Professors of the International PhD Programme on Environment, Resources and Sustainable Development (2009-2013; 2020-present)
- Vice-Chair, European Research Area for Climate Services – ERA4CS call (2017)
- Member of the International Advisory Board of the Indigenous and Local Ecological Knowledge project at the Research Institute on Humanity and Nature, Kyoto, Japan (2013-2014)

- International Project Advisor, Kyushu University, Japan (2013-2016)
- Visiting fellow, The Energy and Resources Institute (TERI), Delhi, India (January 2009)
- Invited expert for the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) Scoping Meeting (July 2009)
- Member of the Editorial Boards of Sustainability Science (Springer) (2014-present) and Environmental Development (Elsevier) (20012-2017); reviewer, Ocean and Coastal Management (Elsevier) (2008-2014)
- Has lectured in English and French in academic institutions in France (Université d'Orsay, Université Pierre et Marie Curie, Institut Supérieur de Gestion and Ecole d'ingénieur d'Agro-développement International, Muséum national d'Histoire naturelle), Germany (University of Hohenheim), Italy (Bocconi University, University of Palermo, and Parthenope University of Naples), Japan (United Nations University; Kyushu University, Yokohama University), Lebanon (University of Saint Joseph, Beirut), Mexico (Autonomous University of Mexico, UNAM), and USA (University of Delaware)

## ● PUBLICATIONS

### *Books*

- Ocean Sustainability in the 21st Century (sole ed., and co-author). Cambridge University Press and UNESCO Publishing, 2015; paperback edition: 2018.
- Salvatore Aricò (ed.). G. Kullenberg. 2021. Ocean Science and International Cooperation – Historical and Personal Recollections. IOC/UNESCO, Paris

### *Book chapters*

- Aricò, S. Issues regarding oceans and opportunities. In: Ocean Sustainability in the 21st Century (S. Aricò (ed.). Cambridge University Press and UNESCO Publishing, 2015.
- M. Vierros, C. Salpin, C. Chiarolla and S. Aricò. Emerging and unresolved issues: the example of marine genetic resources of areas beyond national jurisdiction. In: Ocean Sustainability in the 21st Century (S. Aricò (ed.). Cambridge University Press and UNESCO Publishing, 2015. Towards sustainable oceans in the 21st century
- Aricò, S., G. Kullenberg and B. Cicin-Sain. Towards sustainable oceans in the 21st century. In: Ocean Sustainability in the 21st Century (S. Aricò (ed.). Cambridge University Press and UNESCO Publishing, 2015. Towards sustainable oceans in the 21st century
- Aricò, S. Making progress with marine genetic resources. In: Handbook of Ocean Resources and Management. H.D. Smith, J.L. Suárez and T. Agardi (eds.). Earthscan, London, 2015.
- Vierros, M., McDonald Anne and S. Aricò. Oceans and sustainability: The governance of marine areas beyond national jurisdiction. In: Green economy and good governance for sustainable development: Opportunities, promises and concern. United Nations University Press, Tokyo, 2012.
- Vierros, M., Cicin-Sain, B., Aricò, S. and Lefebvre, C. Preserving life: Halting marine biodiversity loss and establishing networks of marine protected areas in 2010 and beyond. In: Biodiversity and Ecosystem Insecurity: A Planet in Peril. Djoghla, A. and Doods, F. (eds.), Earthscan, London, 2011.
- Aricò, S. Deep ocean genetic resources and intellectual property. In: Law, Technology and Science for Oceans in Globalization. Vidas, D. (ed.), Martinus Nijhoff Publishers - Brill., 2010: pp. 383–396.
- Calvo, G. and Aricò, S. Traditional knowledge: From environmental management to territorial development. In: Traditional Knowledge in Policy and Practice: Approaches to Development and Human Well-being. Subramanian, S.M. and Pisupati, B. (eds.), United Nations University Press. Tokyo, Japan, 2010: pp. 208–225.
- Belfiore, S. and Aricò, S. The Mediterranean: Regional cooperation in a global context. In Securing the Oceans: Essays on Ocean Governance – Global and Regional Perspectives. Chua Thia-Eng, Kullenberg, G. and Bonga, D. (eds.), Nippon Foundation and PEMSEA, 2008.
- Aricò, S. (contributing author). Millennium Ecosystem Assessment, Volume 3: Policy Responses, Chapter 5: Biodiversity. Washington D.C., Island Press, 2005: 119–172.

*Peer-reviewed (scientific journals and technical series)*

- Morsetto, P., Clement, S., Bridgewater, P. and Aricò, S. People, places and organizations in progressing scientific ideas: The case of novel ecosystems (submitted).
- Bridgewater, P., Friedman, K., Agostini, V., Agardy, T., Aricò, S., Biermann, F., Brown, K., Cresswell, I., Ellis, E.C., Failler, P., Kim, R., Pratt, C., Rice, J., Rivera, V. and Teneva, L. Understanding people's place within the rest of nature: The CBD post 2020 biodiversity framework. *People and Nature*. (in press).
- Integrated Ocean Carbon Research (IOC-R). A summary of ocean carbon research, and vision of coordinated ocean carbon research and observations for the next decade. S. Wanninkhof and S. Aricò (eds). IOC Technical Reports No. 158.
- Uku, J., Mees, J. and Aricò, S. 2020. Introduction. IOC-UNESCO, Global Ocean Science Report 2020–Charting Capacity for Ocean Sustainability. K. Isensee (ed.), Paris, UNESCO Publishing, pp 45–50.
- Roberts, S., Uku, J., Isensee, K., Déniz-González, I., von Schuckmann, K., Escobar Briones, E. and Aricò, S. 2020. Ocean science for sustainable development. IOC-UNESCO, Global Ocean Science Report 2020–Charting Capacity for Ocean Sustainability. K. Isensee (ed.), Paris, UNESCO Publishing, pp 175–195.
- Uku, J., Mees, J., Aricò, S., Barbière, J. and Clausen, A. 2020. Charting ocean capacity for sustainable development. IOC-UNESCO, Global Ocean Science Report 2020–Charting Capacity for Ocean Sustainability. K. Isensee (ed.), Paris, UNESCO Publishing, pp 217–228.
- Claudet, J., (...). Aricò, S., (...). A Roadmap for using the UN Decade of Ocean Science for Sustainable Development in Support of Science, Policy, and Action. *One Earth* 2, 24 January 2020.
- C. Aguirre-Bastos, Chaves-Chaparro, J. and S. Aricò (eds.). Co-designing science in Africa; First steps in assessing the sustainability science approach on the ground. UNESCO, Paris, 2019: 248 pp.
- Ryabinin, V., Barbière, J., Haugan, P., Kullenberg, G., Smith, N., McLean, C., Troisi, A., Fischer, A.S., Aricò, S., Aarup, T., Pissierssens, P., Visbeck, M., Enevoldsen, H. and J. Rigaud, J. The UN Decade of Ocean Science for Sustainable Development. *Frontiers in Marine Science*, 31 July 2019.
- Jiao, N., Xu, G. and S. Aricò (2018). Blue carbon on the rise: Challenges and opportunities. *National Science Review* 5(4), Oxford University Press.
- The Future of Scientific Advice to the United Nations. A Summary Report to the Secretary-General of the United Nations from the Scientific Advisory Board (coordinator). UNESCO Publishing, September 2016.
- Bridgewater, P., Aricò, S., Turbo-charging the Ecohydrology paradigm for the Anthropocene. *Ecohydrol. Hydrobiol.* (2016), <http://dx.doi.org/10.1016/j.ecohyd.2016.03.003>
- Diaz, S., Demissew, S., Carabias, J., (...), Aricò, S. et al. 2015. The IPBES conceptual framework: Connecting nature and people. *Current Opinion in Environmental Sustainability (COSUST)*, 14: 1–16.
- Kauffmann, J. and Aricò, S. 2014. New directions in sustainability science: Promoting integration and cooperation. *Sustainability Science* 9(4): 314–318.
- Aricò, S. 2014. The contribution of the sciences, technology and innovation to sustainable development: The application of sustainability science from the perspective of UNESCO's experience. *Sustainability Science* 9: 453–462.
- Limache de la Fuente, D. and Aricò, S. 2014. The Law of Mother Earth for the Planet (in Spanish). *La Migraña*, 12: 114–120.
- Aricò, S. 2013. We should not miss this opportunity. Response to The Future We Want. *Environmental Development* 7: 171–173. Available at <http://dx.doi.org/10.1016/j.envdev.2013.04.008>.
- Butchart, S.H.M., Scharlemann, J.P.W., Evans, M.I., Quader, S., Aricò, S., Arinaitwe, J., Balman, M., Bennun, L.A., Bertzky, B., Besançon, C., Boucher, T.M., Brooks, T.M., Burfield, I.J., Burges, N.D., Chan, S., Clay, R.P., Crosby, M.J., Davidson, N.C., De Silva, N., Devenish, C., Dutson, G.C.L., Díaz, Fernández, D.F., Fishpool, L.D.C., Fitzgerald, C., Foster, M., Heath, M.F., Hockings, M., Hoffmann, M., Knox, D., Larsen, F.W., Lamoreux, J.F., Loucks, C., May, I. Millett, J., Molloy, D., Morling, P., Parr, P., Ricketts, T.H., Seddon, N., Skolnik, B., Stuart, S.N., Upgren, A. and Woodley, S. 2012. Protecting important sites for biodiversity contributes to meeting global conservation targets. *PLoS ONE* 7 (3): e32529. doi:10.1371/journal.pone.0032529.
- Rice, J., Gjerde, K., Ardrón, J., Aricò, S., Cresswell, I., Escobar, E., Grant, S. and Vierros, M. 2011. Policy relevance of biogeographic classification for conservation and management of marine biodiversity beyond national jurisdiction. *Ocean and Coastal Management* 54: 110–122.
- Aricò, S. and Hoareau, L. (2010). The Intergovernmental science-policy on biodiversity and ecosystem services: Capacity-building related considerations from a UNESCO perspective. *Asian Biotechnology and Development Review*: 12(3), pp. 1-15

- Aricò, S. 2009. Which place for high seas within the Convention on Biological Diversity framework? Developments of the ninth meeting of the Conference of the Parties. *Oceanis* 35 (1/2): 231–238.
- Franzese, P.P., Aricò, S., Viglia, S., Russo, G.F. and Ulgiati, S. 2008. Emergy-based evaluation of natural capital and ecosystem services: The case study of Astroni Wildlife Reserve, Italy. In: *Emergy Synthesis 5. Theory and Applications of the Emergy Methodology*. Brown, M.T., Campbell, D., Comar, V., Haung, S.L., Rydberg, T., Tilley, D. and Ulgiati S. (eds.). H.T. Odum Center for Environmental Policy, University of Florida, Gainesville, Florida, USA: 55–64.
- Leary, D., Vierros, M., Hamon, G. Aricò, S. and Monagle, C. 2009. Marine genetic resources: A review of scientific and commercial interest. *Marine Policy*: 183–194.
- Pisupati, B., Leary, D. and Aricò, S. 2008. Access and benefit sharing: Issues related to marine genetic resources. *Asian Biotechnology and Development Review* 10 (3): 49–68.
- Agostini, V., Aricò, S., Escobar Briones, E., Clark, M., Cresswell, I., Gjerde, K., Niewijk, D.J.A., Polacheck, A., Raymond, B., Rice, J., Roff, J., Scanlon, K.M., Spalding, M. Tong, E., Vierros, M. and Watling, L. 2008. Global Open Oceans and Deep Seabed (GOODS) – Biogeographic Classification. Paris, UNESCO-IOC. (IOC Technical Series, 84.)
- Aricò, S. 2008. Advances in concepts and methods for the marine environment: implications for policy. *Cell Biology and Toxicology*, Special Issue: Marine Toxicology. Published online. ISSN: 0742-2091 (Print); 1573–6822.
- Vierros, M., Hamon, G., Leary, D., Aricò, S. and Monagle, C. 2007. An Update on Marine Genetic Resources: Scientific Research, Commercial Uses and a Database on Marine Bioprospecting. United Nations University Institute of Advanced Studies and United Nations Educational, Scientific and Cultural Organization: 71 pp. Available at [http://www.ias.unu.edu/resource\\_centre/Marine%20Genetic%20Resources%20UNU-IAS%20Report.pdf](http://www.ias.unu.edu/resource_centre/Marine%20Genetic%20Resources%20UNU-IAS%20Report.pdf).
- Aricò, S., Gracceva, G. and Assouline, M. 2007. Diversity in One: Mapping the Environment in the UN in the Context of UN Reform. UNESCO Publishing: 57 pp. (available at [www.unesco.org](http://www.unesco.org)).
- Nichols, E., Baron, J., Dirzo, R., Sarukhán, J., Persic, A. and Aricò, S. 2007. New ecological knowledge and practices for society and sustainability. *Frontiers in Ecology and the Environment* 5 (5): W5–W7.
- Hiwasaki, L. and Aricò, S. 2007. Integrating the social sciences into ecohydrology: Facilitating an interdisciplinary approach to solve issues surrounding water, environment and people. *Ecohydrology & Hydrobiology* 7 (1): 3–9.
- Bridgewater, P., Aricò, S. and Scott, J. 2007. Biological diversity and cultural diversity: The heritage of nature and culture through the looking glass of multilateral agreements. *International Journal of Heritage Studies* 13: 405–419.
- The Matrix Alliance 2006. How can we maximize the impact of adaptation measures to support sustainable development? (in: *Natural Resources Forum Viewpoints on adaptation measures for climate change*). *Natural Resources Forum* 30 (4): 328–330.
- Vierros, M., Douvère, F. and Aricò, S. 2006. Implementing the ecosystem approach in open ocean and deep sea environments: An analysis of stakeholders, their interests and existing approaches. United Nations University Institute for Advanced Studies, Yokohama: 39 pp.
- Hobbs, R. J., Aricò, S., Aronson, J., Baron, J.S., Bridgewater, P., Cramer, V.A., Epstein, P.R., Ewel, J.J., Klink, C.A., Lugo, A.E., Norton, D., Ojima, D., Richardson, D.M., Sanderson, E.W., Valladares, F., Monserrat, V., Zamora, R. and Zobel, M. 2006. Novel ecosystems: Theoretical and management aspects of the new ecological world order. *Global Ecology and Biogeography* 15 (1): 1–7.
- Aricò, S. and Salpin, C. 2005. Bioprospecting of genetic resources in the deep seabed: Scientific, technical and legal aspects. United Nations University Institute for Advanced Studies, Yokohama: 72 pp.
- Aricò, S. (contributor) 2005. Living beyond our means: Natural assets and human well-being. Washington D.C., World Resources Institute: 23 pp.
- Aricò, S. (contributing author) 2005. Doñana: Water and Biosphere. Confederación Hidrográfica del Guadalquivir, Ministerio de Medio Ambiente, Madrid: 354 pp.
- Aricò, S. (contributor) 2003. Using the ecosystem approach to implement the Convention on Biological Diversity. IUCN-The World Conservation Union, Gland and Cambridge: 118 pp.
- Hadley, M., Aricò, S., Batisse, M., Bouamrane, M., Clüsener-Godt, M., Dögsé, P., Grabener, U., Qunli, H., Hebel, A., Höft, R., Jardin, M., Karez, C., Mankoto Ma Mbaelele, S., Mehndiratta, S., Robertson Vernhes, J., Sankey, T., Schaaf, T., Thulstrup, H. and Vestin, K. 2002. *Biosphere Reserves: Special Places for People and Nature*. UNESCO, Paris: 208 pp.
- Bridgewater, P. and Aricò S. 2002. Conserving and managing biodiversity sustainably: The roles of science and society. *Natural Resources Forum* 26: 1–4.
- Aricò, S. (contributing author) 2001. The values of forests. The values of forests, Tokyo, United Nations University:

32 pp.

- Aricò, S. (contributor) 2001. Pilot Analysis of Global Ecosystems (PAGE): Coastal Ecosystems. World Resources Institute, Washington D.C.: 77 pp.
- Aricò, S. (contributor) 2000. Global Environment Look 2000. Nairobi, United Nations Environment Programme, Nairobi: 432 pp.
- Aricò, S. (ed.). 2000. Recommendations on how to counteract the ecological and socioeconomic impacts of coral bleaching: Report of an expert consultation. Montreal, Convention on Biological Diversity: 31 pp.
- Aricò, S. and Rakotoary J.C. 1997. Beginning integrated coastal management in Madagascar. *Ocean and Coastal Management* 37 (3): 359–384.
- Aricò, S. 1995. Report on international efforts in research, monitoring and capacity building in the field of marine and coastal biological diversity. *Ocean and Coastal Management* 29 (1–3): 329–335.
- Fradà Orestano, C., S. Calvo and Aricò, S. 1993. Structural analysis of the *Posidonia oceanica* (Linnaeus) Delile meadow in the bay of Mondello (Sicily, Italy). *Posidonia Newsletter* 4 (2): 21–30.
- Aricò, S. 1992. Early life history of *Jujubinus striatus* (L.) (Archaeogastropoda, Trochidae). *Oebalia* 17: 325–328.
- Fradà Orestano, C., S. Calvo, Abbadessa, P. and Aricò, S. 1989. Flowering and fruiting of *Posidonia oceanica* (L.) Delile in the Bay of San Nicola (Sicily). *Oebalia* 15 (1): 137–144.

#### Grey publications

- Marton-Lefèvre, J., Aricò, S., Dykstra, P., Echeverria, R.G., Fu, X., Gluckman, P., Ivanova, M., Jarraud, M., Lenton, R., Mangalagu, D., da Silva, M.R., and Wakhungu, H.E.J. 2021. Final report of the Steering Group advising the ISC on its strategy in the intergovernmental system. International Science Council, Paris, France.
- Aricò, S. (contributor). Assessing Progress on Ocean and Climate Action: 2019 – A report of the Roadmap to Oceans and Climate Action (ROCA) Initiative. A submission to the 25th meeting of the Conference of the Parties of the UN Framework Convention on Climate Change, Madrid, December 2019 (available at <https://rocainitiative.files.wordpress.com/2019/12/roca-2019-progress-report-1.pdf>).
- Aricò, S. (2013). A commentary on the debate and deliberations at the ninth meeting of the Convention on Biological Diversity. Proceedings of the International Seminar on Towards a New Governance of High Seas Biodiversity. Institut de développement durable et des relations internationales (IDDRI), Paris, France.
- Aricò, S. 2008. Implementing the ecosystem approach in ocean areas, with a particular view to open ocean and deep sea environments. In: *Ecosystems Approaches and Oceans*, United Nations, United Nations Division for Ocean Affairs and the Law of the Sea, New York: 140 pp.
- Vierros, M. and Aricò, S. 2008. A summary of the status of marine biological prospecting with particular emphasis on deep and open ocean areas. Report presented at the second meeting of the UN Ad Hoc Open-Ended Informal Working Group to study issues relating to the conservation and sustainable use of marine biological diversity beyond areas of national jurisdiction. United Nations University: 10 pp.
- Cicin-Sain, B., Aricò, S., Maqungo, S. and Balgos, M. 2008. Submission of the Global Forum on Oceans, Coasts, and Islands to the second meeting of the UN Ad Hoc Open-Ended Informal Working Group to study issues relating to the conservation and sustainable use of marine biological diversity beyond areas of national jurisdiction. Global Forum on Oceans, Coasts, and Islands, University of Delaware: 20 pp.
- Aricò, S. Deep Sea Genetic Resources: What is their potential? 2008. Proceedings of the Fifth Trondheim Conference on Biological Diversity, Trondheim, Norway, October 2007: 169–174.
- Aricò, S. (contributor) 2008. The Value of Nature: Ecological, Economic, Cultural and Social Benefits of Protected Areas. Secretariat of the Convention on Biological Diversity, Montreal: 30 pp.
- Persic, A., Aricò, S. and Ishwaran, N. 2008. Ecosystems and human well-being: UNESCO Biosphere Reserves as learning laboratories for sustainable development. In: *Protected Areas in Today's World: Their Values and Benefits for the Welfare of the Planet*. CBD Technical Series no. 36: 87–95.
- Aricò, S. 2006. Education environnementale et communication sur la biodiversité. A workshop report. In: Proceedings of the International Conference on Biodiversity Science and Governance: pp. 180–183. Available at [http://www.gis-iffb.org/content/download/1571/8119/version/1/file/5-Actes\\_CIB-CR+Ateliers.pdf](http://www.gis-iffb.org/content/download/1571/8119/version/1/file/5-Actes_CIB-CR+Ateliers.pdf).
- Aricò, S. 2006. The last frontier. *A World of Science*. 4 (2): 19–23.
- Aricò, S. (contributor) 2005. Défends ta planète! (educational DVD). Paris, Terra Project and UNESCO.

- Schneegans, S. and Aricò, S. 2005. Experts warn ecosystem changes threaten development. *A World of Science*. 3: 8-9.
- Aricò, S. 2004. The Convention on Biological Diversity: From concept to implementation. *CBD News: Special edition on historical perspectives on the occasion of the 10th Anniversary of the entry into force of the CBD*: 12.
- Aricò, S. 2003. Biosphere Reserve Integrated Monitoring: New perspectives. *La lettre de la biosphère* 67: 3-4.
- Bridgewater, P. and S. Aricò 2002. Biological diversity communication, education and public awareness: Preparations for Johannesburg. *CBD News: Special issue on biodiversity and sustainable development*: 20-21.
- Bridgewater, P. and Aricò, S. 2002. Making taxonomy real: The case of MAB. Report of the 3rd Global Taxonomy Workshop: Towards Sustainable Development: Partnerships for Demand-driven Taxonomic Capacity Building, Pretoria, BioNET-INTERNATIONAL.
- Aricò, S. 2001. Emerging ecosystems: Island and alien invasive species; and: Conservation approaches relevant to island systems. *International Journal of Island Affairs* 10 (2): 63-64.
- Aricò, S. 2001. Evolution of the international debate on marine and coastal biodiversity since the earth summit. Presentation at the Global Conference on Oceans, Coasts and SIDS, Paris, 2001. Available online at <http://www.udel.edu/CMS/csmg/globaloceans/pdf/Papers/Aricò%20Paper.pdf>.
- Engelmann, S., Aricò S. and Bridgewater, P. 2001. Alien species: Experiences and lessons learned in biosphere reserves. Poster presented at the sixth meeting of the CBD Subsidiary Body on Scientific Technical and Technological Advice's session on Assessment and Management of Alien Species that Threaten Ecosystems, Habitats and Species, Montreal, Convention on Biological Diversity.
- Aricò, S. 1998. The "Jakarta Mandate on Marine and Coastal Biological Diversity": A Framework for Integrated Marine and Coastal Area Management in the Context of the Convention on Biological Diversity. *Integrated Coastal Management News*. Available online at <http://icm.noaa.gov/news/archive/cbd.html>.
- Aricò, S. 1998. Main pressures on the conservation and sustainable use of marine and coastal biological diversity: The response of the Convention on Biological Diversity. Report of the Caribbean Workshop on Marine Biodiversity, Montego Bay, Jamaica, Natural Resources Institute, Greenwich University, Greenwich.
- Aricò, S. 1998. The Ecosystem Approach: Evolution of the concept and experiences within the context of the Convention on Biological Diversity. Available online at <http://odin.dep.no/md/html/conf/workshop/1998/report.html#40>.
- Aricò, S. 1997. Results of a national survey on marine biotechnology at the scientist and private sector levels: A case study of the US (abstract). International Marine Biotechnology Conference, Sorrento, Paestum, Otranto and Pugnochiuso, Stazione Zoologica 'Anton Dohrn'.
- Cicin-Sain, B., Knecht, R.W. and Aricò, S. 1997. Integrated Coastal Management: Choices for Madagascar. Proceedings, Workshop on Integrated Coastal Management in Madagascar, Intergovernmental Oceanographic Commission, UNESCO, Paris, 1997.
- Aricò, S. (ed.) 1996. IOC-World Bank-Sida/SAREC-ONE Workshop on Integrated Coastal Areas Management. Nosibe, Madagascar, Intergovernmental Oceanographic Commission: 18 pp.
- Aricò, S. (ed.) 1995. IOC-NOAA Ad hoc Consultation on Marine Biodiversity: The IOC Biodiversity Strategy. Paris, Intergovernmental Oceanographic Commission: 18 pp.
- Aricò, S. (ed.) 1995. International Marine Science Newsletter: Special section on marine biodiversity. International Marine Science Newsletter. Paris, Intergovernmental Oceanographic Commission. 75/76: 5-14.
- Aricò, S. 1988. The underwater meadows. *Papir*. 24: 30mm

#### *Theses*

- Aricò, S. 1992. Ecological role of two species belonging to the *Jujubinus* genus (Archaeogastropoda) within a Mediterranean seagrass system (Ph. D. Thesis).
- Aricò, S. 1988. Observations on the *Posidonia oceanica* (L.) Delile in the Mondello Bay, Italy (Bachelor Thesis).

#### *Significant educational publications*

- UNESCO Biodiversity Learning Kit (ed.). UNESCO Publishing, 2016: 250 pp. <http://www.unesco.org/new/en/natural-sciences/special-themes/biodiversity/biodiversity-education/learning-kits/>