

Benno Bernhard Böer

Ph.D.

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Career summary

A professional project manager with > 25 years of international experience in the global environmental sciences, supported by a good knowledge of natural sciences, culture and education for sustainable development, networking with UN agencies, NGOs, support agencies, donors, and Governmental bodies, as well as the mobilization of extra-budgetary resources and human resources management.

Career and achievements to date

ECOLOGICAL SCIENCES ADVISOR – AFRICA

SCIENCE SPECIALIST - ETHIOPIA,

Officer-In-Charge, UNESCO Addis Abeba Liaison Office with the African Union and UNECA 2013

Assist the Director and UNESCO Representative to Ethiopia, the African Union and UNECA, with the routine and day-to-day management of the UNESCO Liaison Office. Lead the science team of the Addis Abeba Office, in order to foster science-based sustainable environmental development in Ethiopia and Member States of the African Union. Actively support the Regional Coordination Mechanisms (RCMs) with the African Union, UNECA and sister UN agencies in the fields (RCM Environment, Population, Urbanization, RCM Science & Technology, RCM Agriculture).

- Support the development of African Biosphere Reserves and World Heritage Sites.
- Organize a “*Conference on United Nations accredited sites in Africa (UNESCO Biosphere Reserves, UNESCO World Heritage Sites, FAO Globally Important Agricultural Heritage Sites: Identification, establishment, management, functioning, and benefits)*”.
- Develop model on “Floating Mangroves for Biofuel Production and other benefits”
- Identify and mobilize extra-budgetary resources for UNESCO sites and activities.

Invited member of the UNESCO Addis Abeba Risk Management Group

Invited member of the United Nations Crisis Management Team in Ethiopia.

ECOLOGICAL SCIENCES ADVISOR – ARAB REGION, UNESCO Doha Office, QATAR

2004 – 2013

Co-ordinate ecological sciences activities in the UNESCO Arab Region, and supervise and assist cultural activities in the Arab States of the Gulf & Yemen under direct guidance of the UNESCO Regional Representative, and with co-operation of sectors at headquarters, and field offices. Permanent supervision of a secretary, a programme assistant, project managers, numerous volunteers, placement students, and expert consultants. Assist the UNESCO Office in Doha as Acting Director and Acting Administration Officer routinely. Liaison with international, regional, and national environmental authorities, agencies, universities, companies, and legislative bodies, as well as NGO's towards the utilization of scientific achievements for the sustainable development of the marine, coastal, and terrestrial geo-biological resources of the region and throughout Arabia.

- Managed and assisted numerous environmental activities in Bahrain, China, Egypt, Ethiopia, France, Germany, Iran, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Tunisia, Turkey, and the United Arab Emirates.
- Catalysed the establishment of the first biosphere reserves in the Arabian Peninsula, as well as a world natural heritage site, and two botanic gardens and centres of excellence for botanical education, research, and conservation.

COASTAL AND MARINE SCIENCES ADVISOR – ARAB REGION, UNESCO DOHA OFFICE, QATAR 2000 – 2004

Co-ordinate coastal and marine sciences activities in the UNESCO Arab Region. Liaison with international, regional, and national environmental authorities, agencies, universities, companies, and legislative bodies, as well as NGO's towards the utilization of coastal and marine scientific achievements for the sustainable development of the marine and coastal geo-biological resources of the Arab Region.

- Managed and assisted numerous environmental activities in the Arab Region.
- Catalysed the identification and establishment of the first biosphere reserves in the Arabian Peninsula..

HABITAT RESEARCHER, ERWDA, UNITED ARAB EMIRATES (UAE)

1997 – 2000

Responsible for the research on terrestrial and coastal ecosystems, and developing a protected areas network for Abu Dhabi Emirate.

- Composed research plans, and generated essential information for ecosystem management.
- Identified, assessed and evaluated a protected areas network.
- Organized environmental management workshops and field campaigns with ERWDA & UNDP.

HABITAT RESEARCHER, NARC, UAE

1995 – 1997

Directed a multi-disciplinary team into ecological research. Acting Head of Ecology Dept. from time to time.

- Generated essential information for ecosystem management.
- Developed habitat manipulation techniques towards the management of wildlife reserves.
- Established an outdoor desert vegetation model.

BOTANIST, NATIONAL AVIAN RESEARCH CENTRE, UAE

1994

Sampled, analysed and documented habitat data, and oil spill damage assessments.

- Generated information on houbara feeding behavior.
- Presented conference contributions and research papers.

BOTANIST, SENCKENBERG RESEARCH INSTITUTE & EU, JMWS, SAUDI ARABIA

1991 – 1993

Carried out damage assessment and research on botany, grazing impacts, and habitat restoration.

- Developed a successful mangrove restoration technique after the Gulf War oil spill.
- Develop proposals and presented conference contributions and research papers.

SCIENTIFIC ASSISTANT, UNIVERSITÄT OSNABRÜCK, GERMANY

1990 – 1991

Teach outdoor and in the laboratory a soil ecology course. Assisted organizing the GfÖ-Conference (German Society of Ecology).

- Teach the taxonomy, sampling and analysis of different soil types.

TECHNICAL ASSISTANT, ZAYED FARM FOR SALT TOLERANT PLANTS, UAE UNIVERSITY, UAE

1989 – 1990

Assisted with the establishment of halophyte nurseries.

- Built up a halophyte farm with a seawater / freshwater irrigation system.
- Analyse plant & soil relationships of Abu Dhabi's vegetation.

CONSULTANT

1994-2000

- Environmental damage claim evaluation 1991 Gulf War for the United Nations Compensation Committee, INDUSTRIAL ECONOMICS INC.
- Habitat surveys at Bu Hasa, Abu Dhabi, for EMCON and ADIAS.
- Advice on habitat surveys in Qatar for BANDICOOT.
- Advice to utilize native plants for the Al Maha Resort, for Emirates Airlines, SULTAN BIN GAITH.

- Fujairah Oil Spill Assessment, DUNCAN WALLER MARINE CONSULTANTS.
- Ecological Research Jubail Marine Wildlife Sanctuary (JMWS), SENCKENBERG RESEARCH INST.
- Advice on a protected areas management plan JMWS, SENCKENBERG RESEARCH INST.
- Habitat surveys at the Al Jimi Oasis, Al Ain, SHANKLAND & COX, Al Ain Municipality.

Various jobs to support education

1979 – 1989

Education

Universities:

University of Paderborn	Physical Geography	1995 - 1998
Freie University of Berlin	Faculty of Planning, Construction, Environment	1991
University of Osnabrück	Faculty of Biology/Chemistry	1984 - 1991
UAE University	Faculty of Science	1989 - 1990
Phillips University Marburg	Faculty of Geology	1983 - 1984

Schools:

High School Käthe-Kollwitz-Gymnasium Osnabrück	1973 - 1983
Basic School Jellinghausschule Osnabrück	1969 - 1973

Academic Degrees

Ph.D. Physical Geography	1998
M.Sc. Biology/Chemistry	1991
B.Sc. Biology/Chemistry	1987
High School Diploma	1983

Awards

Gulf Times Award	2013
Exxon Mobil 2013 Community Partner Appreciation Award	2013
Ford Conservation and Environment Grant for Re-utilization of condensed water from airconditioners	2009
Ford Conservation and Environment Grant for Sabkha Ecosystem book series	2009
Alternative Energy Awards 2007 Environment Award – Al Reem Biosphere Reserve Qatar UNESCO	2007

Interests

Member of <i>Sustainable Qatar</i>	2010-2011
Nominated member of the UNESCO Thematic Working Group on Climate Change	2010
Nominated UNESCO expert for the Al Reem Biosphere Reserve, Qatar	2010
Invited reviewer of <i>Biorizk</i>	2009
Invited member of the National Steering Committee for the Second National Human Development Report. Achieving the Environmental Development Outcomes of the Qatar National Vision 2030	2009
Invited reviewer of <i>Journal of Coastal Conservation: Planning and Management</i>	2008 -
Invited judge for the Qatar Today Green Awards	2008 -
Invited observer for the Ford Motor Environment Prize, Dubai	2008 -
Invited member of the advisory group for the Qatar Environment Industry Award, Doha	2008 -
Invited expert for the FAO world mangrove report	2007
Invited editorial board member of <i>Aquatic Ecosystem Health and Management</i>	2006 -

Invited reviewer of the Millenium Ecosystem Assessment	2004
Advisory Board member of the INTERNATIONAL CONFERENCE ON BIOSALINITY, Turkey	2005
Invited referee of the <i>Desert Institute Bulletin</i>	2002 -
Invited referee of the <i>Tribulus Magazine</i>	2002 -
Invited referee of the <i>Journal of Arid Environments</i>	2001 -
Founding member of the Intl. Society for Halophyte Utilization e.V.(ISHU)	2000 - 2003
Invited advisor of the Abu Dhabi Oil Spill Contingency Planning Committee	1999 - 2000
Founding member of the Arabian Plant Specialist Group with IUCN	1996 -
Member of the European Union Concerted Action on "Sustainable Halophyte Utilization in the Mediterranean and subtropical dry regions".	1995 - 2000
Elected secretary of the UAE Biodiversity Committee	1995 - 1997
Member of the Emirates Natural History Group	1994 - 2000
Member of the Arabian Leopard Trust	1994 -

List of publications:

Film Productions Supervised

1. Koesters, J. & C. Seidel, 2010: bahrain – land of contrasts. A film by jens koesters & christoph seidel. HS OWL – Mediaproductio and UNESCO. In German with English sub-titles.
2. Al-Huthi, Y. & T. Stößel, 2011: Al Zubara – The Pearl of the Past. A film by Yaser Al-Huthi & Tobias Stößel. HS OWL – Mediaproductio and UNESCO. In English.
3. Koesters, J. & C. Seidel, 2010: bahrain – land of contrasts. A film by jens koesters & christoph seidel. HS OWL – Mediaproductio and UNESCO. Arabic and English edition.
4. Al-Huthi, Y. & T. Stößel, 2011: Al Zubara – The Pearl of the Past. A film by Yaser Al-Huthi & Tobias Stößel. HS OWL – Mediaproductio and UNESCO. Arabic and English edition.
5. A. Ahmed, S. Kebede, W. Tadesse, 2015: The geological hazards and geo-thermal potential of Ethiopia – an introduction. Aziz Ahmed Film-Maker, Addis Ababa University, UNEP & UNESCO.

Books

6. Böer, B., 1991: Vegetationskartierung der Inseln Abu Dhabi und Rafiq unter Berücksichtigung wichtiger ökologischer Parameter. Diploma Thesis, University of Osnabrück. 154 p.
7. Böer, B., 1998: Ecosystems, anthropogenic impacts and habitat management techniques in Abu Dhabi. Ph.D. Thesis, University of Paderborn.
8. Böer, B. 1999: Ecosystems, anthropogenic impacts and habitat management techniques in Abu Dhabi Emirate. *Paderborner Geographische Studien* 12. 141p.
9. Jongbloed, M., R. Western & B. Böer 2000: Annotated check-list for plants in the United Arab Emirates. Emirates Natural History Group, Abu Dhabi, Al Ain, and Dubai. Zodiac Publishing, POBox 35121, Dubai. 91p.
10. Environmental Research and Wildlife Development Agency 2000: Abu Dhabi Coastline Oil Spill Protection Priorities 2000 (by: Atkinson, T., Böer, B., Britsch, S., Drew, C., Gliddon, D., Hoolihan,

- J., Pearson, W., Perry, R., Schmitt, J.) Environmental Research and Wildlife Development Agency, Abu Dhabi. 96 plates.
11. Lieth, H., Herpin, U., Böer, B., & Kotb, A. (eds), 2002: QUEST 2002 for MENA Conference Abstract Volume, Doha, Qatar, 27-30, January 2002. 143 p.
 12. Barth, H.-J. & B. Böer (eds), 2002: Sabkah Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. **Tasks for Vegetation Science 36**. Kluwer Academic Publishers. 354p.
 13. Jongbloed, M.V.D., G.R. Feulner, B. Böer & A.R. Western, 2003: The comprehensive guide to the wild flowers of the United Arab Emirates. Environmental Research and Wildlife Development Agency (ERWDA), Abu Dhabi, United Arab Emirates. 576p.
 14. Amer, K.M., B. Böer, M. Brook, Z. Adeel, M. Clüsener-Godt & W. Saleh (eds) 2006: Policy guidelines – ecosystem and water management in the Arabian Peninsula. UNESCO & UNU, Doha and Ontario. 171p.
 15. Khan, A., B. Böer, G. S. Kust & H.-J. Barth (eds) 2006: Sabkha Ecosystems Vol.II: West and Central Asia. **Tasks for Vegetation Science 42**. Springer, The Netherlands. 259p.
 16. Munawar, M., W. Hamza, F. Krupp, B. Böer & S. Al-Ghais (eds) 2007: Special Issue: The State of the Gulf Ecosystem: Future and Threats. Aquatic Ecosystem Health & Management. The Official Journal of the Aquatic Ecosystem Health and Management Society, Canada. pp.253-363.
 17. Abuzinada, A., H.-J. Barth, F. Krupp, B. Böer & T. Al Abdessalaam (eds) 2008: Protecting the Gulf's marine environment from pollution. Birkhaeuser, Switzerland. 285p.
 18. Norton, J. D. Allen, S. Abdelmajid, M. Alsafran, B. Böer & R. Richer 2009: An illustrated plant species checklist for Qatar. Browndown Publications, Gosport. 96p.
 19. Öztürk, M., B. Böer, H.-J. Barth, S.-W. Breckle, M. Clüsener-Godt & A. Khan (eds) 2011: Sabkah Ecosystems Vol III: Africa and Southern Europe. **Tasks for Vegetation Science 46**. Springer, The Netherlands. 148p.
 20. Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.
 21. Khan, M.A., B. Böer, M. Öztürk, M. Clüsener-Godt, B. Gul & S.-W. Breckle (eds) in prep: Sabkha Ecosystems Vol V: The Americas. Tasks for Vegetation Science XX. Springer, The Netherlands. XXXp.
 22. Khan, M.A., B. Böer, M. Öztürk, M. Clüsener-Godt, B. Gul & S.-W. Breckle (eds) in prep: Sabkha Ecosystems Vol VI: Asia / Pacific. Tasks for Vegetation Science XX. Springer, The Netherlands. XXXp.
 23. Amer, K. M., B. Böer, A. Zafaar & W. Oraby (eds) in prep: The food-security, water-security, energy nexus in the Arab Region. UNESCO & United Nations University, Ontario, Doha and Addis Ababa.

Book contributions and chapters

24. Böer, B., 1996: Trial plantations with mangroves (*Avicennia marina*) and salt marsh plants (*Salicornia europaea*) in oil-impacted soil in the Jubail area, Saudi Arabia. pp. 186-192. In: **A Marine Wildlife Sanctuary for the Arabian Gulf. Environmental Research and Conservation Following the 1991 Gulf War Oil Spill**. F. Krupp, A.H. Abuzinada & I.A. Nader (eds.). Frankfurt & Riyadh.

25. Böer, B. & J. Warnken, 1996: Flora of the Jubail Marine Wildlife Sanctuary, Saudi Arabia. pp. 290-301. In: ***A Marine Wildlife Sanctuary for the Arabian Gulf. Environmental Research and Conservation Following the 1991 Gulf War Oil Spill***. F. Krupp, A.H. Abuzinada & I.A. Nader (eds.). Frankfurt & Riyadh.
26. Roshier, D.A., B.B. Böer & P.E. Osborne, 1996 : The vegetation of Abu Dhabi and a preliminary classification of its plant associations. pp. 50-65. In: P.E. Osborne (ed.), ***An introduction to the wildlife and habitats of the United Arab Emirates***. The National Avian Research Center, Abu Dhabi. 236p.
27. Fisher, M., S. Ghazanfar, S. Chaudhary, P. Seddon, F. Robertson, S. Omar, A. Abbas & B. Böer, 1998: Diversity and Conservation. pp. 265-302. In: ***The vegetation of Arabia***. Shahina A. Ghazanfar & Martin Fisher (eds.). Kluwer Academic Publishers, Dordrecht / Boston / London.
28. Böer, B. & H. Lieth, 1999: Halophytes for seawater irrigation in the Arabian peninsula - a review. In: ***Halophyte crop development for different climates***. Ecological and Eco-physiological contributions. H. Lieth, A. Hamdy, H.-W. Koyro & M. Moschenko (eds). Proceedings of the 3rd seminar of the EU Concerted Action group IC 18 CT 96-0055.
29. Böer, B., 2001: The sustainable development of coastal and marine environmental resources – UNESCO's activities in Arabia. Book of abstracts of the International Conference on Fisheries, Aquaculture and Environment in the NW Indian Ocean. Sultan Qaboos University. pp. 19.
30. Böer, B., & S. Al Hajiri, 2002: The coastal and sabkha flora of Qatar: An introduction. pp. 63-70. In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.
31. Böer, B., H.-J. Barth & O. Osman, 2002: Sabkhat and halophytes in the Horn of Africa (Djibouti, Eritrea, Ethiopia, Somalia, Sudan). pp. 147-159. In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.
32. Fahmy, A.G. & B. Böer, 2002: Flora and phytogeographical aspect of the Red Sea sabkhat in Egypt. pp. 161-169. Short communication In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.
33. Böer, B., 2002: The coastal and sabkha flora of the United Arab Emirates. pp. 303-309. Short communication In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.
34. de Soyza, A.G., B. Böer & N. Vistro, 2002: Sustainable development of mangroves for coastal sabkhat environments in Abu Dhabi, UAE. pp. 341-346. In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.
35. Barth, H.-J. & B. Böer, 2002: Introduction. pp. 1-5. In Barth, H.-J. & B. Böer (eds), 2002: Sabkha Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. ***Tasks for Vegetation Science 36***. Kluwer Academic Publishers.

36. Böer, B. & H.-J. Barth, 2002: Sabkha Ecology – Introduction Part II. p. 171. *In* Barth, H.-J. & B. Böer (eds), 2002: Sabkah Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. **Tasks for Vegetation Science 36**. Kluwer Academic Publishers.
37. Böer, B. & H.-J. Barth, 2002: Sabkha Land Use and Development – Introduction Part III. pp. 323-324. *In* Barth, H.-J. & B. Böer (eds), 2002: Sabkah Ecosystems Vol.I: The Arabian Peninsula and adjacent countries. Afghanistan, Pakistan, Iran, Jordan, Kuwait, Saudi Arabia, Bahrain, Qatar, United Arab Emirates, Oman, Yemen, Egypt, Sudan, Eritrea, Ethiopia, Djibouti, Somalia. **Tasks for Vegetation Science 36**. Kluwer Academic Publishers.
38. B. Böer & S.-W. Breckle, 2004: Teil N – Zonobiom III: Arabische Halbinsel. pp. 660-675. *In* Heinrich Walter & Siegmund-W. Breckle (eds.): Ökologie der Erde, 3. Auflage – Band 2 – Spezielle Ökologie der Tropischen und Subtropischen Zonen. Elsevier Spektrum Akademischer Verlag, The Netherlands. 764p.
39. Böer, B., 2004: Halophyte development in the Arabian Peninsula: Recent achievements and prospects. pp. 111-120. *In* F.Taha, S. Ismail & A. Jaradat (eds): Prospects of saline agriculture in the Arabian Peninsula. Amherst Scientific Publishers, Amherst, Massachusetts, USA. 576 p.
40. Brown, G. & B. Böer (2005): Terrestrial habitats. pp. 93-107. *In*: P. Hellyer & S. Aspinall (eds): The Emirates – A Natural History. The Environment Agency Abu Dhabi & Trident Press. 428p.
41. Brown, G. & B. Böer (2005): Terrestrial Plants. pp. 141-159. *In*: P. Hellyer & S. Aspinall (eds): The Emirates – A Natural History. The Environment Agency Abu Dhabi & Trident Press. 428p.
42. Böer, B. & S. Aspinall (2005): Life in the Mangroves. pp. 133-137. *In*: P. Hellyer & S. Aspinall (eds): The Emirates – A Natural History. The Environment Agency Abu Dhabi & Trident Press. 428p.
43. Böer, B. (2005): Halophyte research and development: what needs to be done next ? pp. 397-399. *In* M.A. Khan & D.J. Weber (eds): Ecophysiology of high salinity tolerant plants. **Tasks for Vegetation Science 40**. Kluwer Academic Publishers.
44. Brook, M., S. Al Shoukri, K.M. Amer, B. Böer & F. Krupp, 2006: Physical and environmental setting of the Arabian Peninsula and Surrounding Seas. pp. 1-16. *In* Amer, K.M., M. Brook, B. Böer, M. Clüsener-Godt & W. Saleh (eds): Policy guidelines – ecosystem and water management in the Arabian Peninsula. UNESCO & UNU, Doha and Dubai.
45. Böer, B. & P. Saenger, 2006: The biogeography of the coastal vegetation of the Abu Dhabi gulf coast. pp 31-36. *In* Khan, A., B. Böer, G. S. Kust & H.-J. Barth (eds) 2006: Sabkah Ecosystems Vol.II: West and Central Asia. **Tasks for Vegetation Science 42**. Springer, The Netherlands. 259p.
46. Böer, B., 2007: UNESCO's activities in view of the Gulf ecosystems. pp. 358-360. *In* Munawar, M., W. Hamza, F. Krupp, B. Böer & S. Al-Ghais (eds) 2007: Special Issue: The State of the Gulf Ecosystem: Future and Threats. Aquatic Ecosystem Health & Management. The Official Journal of the Aquatic Ecosystem Health and Management Society, Canada. pp.253-363.
47. FAO, 2007: The world's mangroves 1980-2005. FAO Forestry Paper 153. FAO, Italy, 2007. 77 p.
48. Brown, G., Böer, B. & S. Sakir 2008: The coastal vegetation of the western and southern Gulf – characterisation and conservation aspects. pp. 23-44. *In* Abuzinada, A., H.-J. Barth, F. Krupp, B. Böer & T. Al Abdessalaam (eds) 2008: Protecting the Gulf's marine environment from pollution. Birkhaeuser, Switzerland. 285p.
49. Böer, B., 2009: The UNESCO Quranic Botanic Garden network - the concept, achievements, and future tasks. In prep.
50. UNDP & General Secretariat for Development Planning, 2009: Advancing sustainable development. Qatar National Vision 2030. Doha, 2009. 146p.

51. Al-Cibahy, A., K. Al-Khalifa, B. Böer & K. Samimi-Namin, 2012: Conservation of marine ecosystems with a special view to coral reefs in the Gulf. pp. 337-348. *In* Riegl, B. & S. Purchis (eds) 2012: Coral reefs of the Gulf: Adaptation to climatic extremes, Coral reefs of the world 3. Springer Science and Business Media.
52. Milchakova, N., B. Böer, L. I. Boyko & D. V. Mikulich, 2014: The chemical composition and technological properties of sea grasses - a basis for their use (a review). pp. 313-323. *In* Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.
53. Böer, B., 2014: Short communication: seagrass terraces for food security and carbon sequestration. pp. 325-326. *In* Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.
54. Böer, B. C. Huot & M. Sutcliffe, 2014: Floating mangroves: The solution to reduce atmospheric carbon levels and land-based marine pollution? pp. 327-333. *In* Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.
55. Böer, B., M.A. Khan & K.B. Marcum, 2014: World Halophyte Garden: economic dividends with global significance. pp. 335-336. *In* Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.

Papers in scientific journals

56. Böer, B., 1993: Anomalous pneumatophores and adventitious roots of *Avicennia marina* (Forssk.) Vierh. mangroves two years after the 1991 Gulf War oil spill in Saudi Arabia. ***Marine Pollution Bulletin* 27**: 207-211.
57. Böer, B., 1994: Status and recovery of the intertidal vegetation after the 1991 Gulf War oil spill. ***Courier Forsch. - Inst. Senckenberg***, 166: 22-26.
58. Böer, B., 1994: Arabian Sea Oilspill. ***Arabian Wildlife* 2**: 42.
59. Böer, B. & A. Griggs, 1994: Impact of the oil spill on intertidal areas along the east coast of the United Arab Emirates in April 1994. ***Tribulus* 4.2**.
60. Böer, B., 1995: Follow up of the oil spill off Fujairah from March 1994. ***Tribulus* 5.2**: 25-26.
61. Böer, B., 1995: New moss records for Arabia. ***Tribulus* 5.2**: 24.
62. Böer, B.B., M. Love & W. Mitchell, 1995: Records of freshwater fish from Hatta. ***Tribulus* 5.1**: 28.
63. Böer, B.B. & R.A. Loughland, 1995: Guidelines for a wetland management plan for Khor Kalba. ***Tribulus* 5.1**: 24.
64. Böer, B.B. & J.A. Norton, 1995: How to distinguish between grazed *Panicum turgidum* and *Pennisetum divisum* grasses ? ***Tribulus* 5.1**: 28-29.
65. Böer, B., 1996: Plants as soil indicators along the Saudi coast of the Arabian Gulf. ***Journal of Arid Environments***, 33: 417-423.
66. Böer, B., 1996: Impact of a major oil spill off Fujairah. ***Fresenius Environmental Bulletin* 5**: 7-12.
67. Böer, B., 1996 : Increased soil temperatures in salt marshes and mangroves after the 1991 Gulf War oil spill. ***Fresenius Environmental Bulletin* 5**: 442-447.

68. Böer, B. & J. Norton, 1996: Vegetation rehabilitation in an enclosure in Abu Dhabi. **Fresenius Environmental Bulletin** 5: 79-84.
69. Böer, B. & G. Eschmann-Grupe, 1996: A botanical excursion in the UAE. **Tribulus** 6.1: 22-25.
70. Böer, B., 1997: New wetland plants in the UAE. **Tribulus** 7.1: 22-23.
71. Böer, B., 1997: Salzwasserpflanzen für die Landwirtschaft am Arabischen Golf - Ein ökologisch wertvolles Konzept. **Kurier**.
72. Wardman, O., B. Böer & S. Aspinall, 1997: Bird Populations of the Al Madam Plain, UAE. **Tribulus** 7.2: 21-23.
73. Böer, B., 1997: An introduction to the climate of the United Arab Emirates. Review. **Journal of Arid Environments** 35: 3-16.
74. Böer, B. & D. Sargeant 1998: Desert perennials as plant and soil indicators in Eastern Arabia. **Plant and Soil** 199: 261-266.
75. Böer, B., 1998: Anthropogenic Factors and their Potential Impacts on the Sustainable Development of Abu Dhabi's Terrestrial Biological Resources. **International Journal of Sustainable Development and World Ecology** 5: 125-135.
76. Böer, B. & D. Gliddon, 1998: Mapping of coastal ecosystems and halophytes (case study of Abu Dhabi, United Arab Emirates). **Marine and Freshwater Research** 49: 297-301.
77. Böer, B. 1998: New wetland plants for the UAE: *Potamogeton pectinatus* L. and *Zannichellia palustris* L. **Tribulus** 8.2: 28.
78. Böer, B., 1998: Floral research in the UAE. **Tribulus** 8.2: 33.
79. Kürschner, H. & B. Böer 1999: New records of mosses in the UAE (Jebel Hafit and Hajjar Mountains). **Tribulus**.
80. Kürschner, H. & B. Böer, 1999: New records of bryophytes from the southern Musandam Peninsula and Jebel Hafeet (United Arab Emirates). *Studies in Arabian Bryophytes* 23. **Nova Hedwigia** 68: 409-419.
81. Böer, B. & S. A. Chaudhary, 1999: New records for the flora of the United Arab Emirates. **Willdenovia** 29:159-165.
82. Böer, B., 2004: Halophyte development in the Gulf Arab countries – UNESCO Doha's activities 2001-2003. **Tropical Ecology** 45 (1): 187-189.
83. Breulmann, M. & B. Böer, 2010: Camel farms: a new idea to help desert ecosystems recover. **Rural 21 – The International Journal for Rural Development** 44 (2).

Scientific reports, technical reports, nomination files, project documents, major proposals

84. Böer, B. & J. Warnken, 1992: Qualitative analysis of the coastal and inland vegetation of the Dawhat ad-Dafi and Dawhat al-Musallamiya region. *In* Establishment of a Marine Habitat and Wildlife Sanctuary for the Gulf Region. Final Report for Phase I. CEC contract no.: B7-5040/91/021. Jubail & Frankfurt. pp.81-101.
85. Böer, B., 1992: Plant-ecological work. First Field Report Phase II. Marine Habitat and Wildlife Sanctuary for the Gulf Region. Jubail.
86. Böer, B., 1993: Terrestrial and intertidal vegetation. Second Field Report Phase II. Marine Habitat and Wildlife Sanctuary for the Gulf Region. Jubail.

87. Böer, B., 1994: Plantation trials, grazing studies and reevaluation of the vegetation status in the Jubail Wildlife Sanctuary. Field Report Phase III. Jubail Marine Wildlife Sanctuary. Jubail.
88. Böer, B., 1994: Status, environmental factors and recovery of the intertidal and terrestrial vegetation between Ras az-Zawr and Abu Ali Island after the Gulf War Oil Spill. In: Final report of phase II. Marine Habitat and Wildlife Sanctuary for the Gulf Region. Frankfurt and Jubail.
89. Böer, B., 1995: An introduction to the climate of the United Arab Emirates. NARC Internal Research Report No.36. National Avian Research Center, Abu Dhabi. 11p.
90. Böer, B., 1995: The habitats of Abu Dhabi. In: RA. Loughland (ed.), A survey of information on the natural desert habitat of Abu Dhabi Emirate, The United Arab Emirates. NARC Internal Research Report No.38. National Avian Research Center, Abu Dhabi. 41p.
91. Böer, B. & J. Norton, 1995: Changes of the vegetation and the flora of the NARC Sweihan Enclosure Between 1993 and 1995. NARC Internal Research Report No.32. National Avian Research Center, Abu Dhabi. 12p.
92. Böer, B. & T. Oppermann, 1995: The initiation and preliminary results of the meteorological data recording in Sweihan & Baynoonah. NARC Internal Research Report No.29. National Avian Research Center, Abu Dhabi. 29p.
93. Böer, B. & D. Sargeant, 1995: Commencing the NARC Herbarium. NARC Internal Research Report No.31. National Avian Research Center, Abu Dhabi. 11p.
94. Loughland, R. & B. Böer, 1995: Driving and desert safety guide. To all Ecology Staff. National Avian Research Center, Abu Dhabi. 4p.
95. Symens, P., B. Böer & R. Al-Marri, 1995: Monitoring of land and resource use in the Jubail Marine Wildlife Sanctuary and proposals for the further management of the protected area, pp. 147-153. In: F. Krupp & R. Fleming (eds.). Establishment of a Marine Habitat & Wildlife Sanctuary for the Gulf Region. Final report of phase III. Jubail Marine Wildlife Sanctuary. Frankfurt and Jubail.
96. Böer, B. 1995: Re-establishment of intertidal vegetation, pp. 107-110. In: F. Krupp & R. Fleming (eds.). Establishment of a Marine Habitat & Wildlife Sanctuary for the Gulf Region. Final report of phase III. Jubail Marine Wildlife Sanctuary. Frankfurt and Jubail.
97. Böer, B., 1996: The Circular Pen. NARC Internal Report No.9. National Avian Research Center, Abu Dhabi. 14p.
98. Böer, B. & T. Oppermann, 1996: Plant propagation - Volume 1. Propagation trials with houbara habitat shrubs and soil melioration techniques. NARC Internal Research Report No.50. National Avian Research Center, Abu Dhabi. 28p.
99. Böer, B. & T. Oppermann, 1996: Plant propagation - Volume 2. Propagation experiments with indigenous Arabian plant species. NARC Internal Research Report No.51. National Avian Research Center, Abu Dhabi. 13p.
100. Böer, B., 1997: A Rapid Vegetation Assessment of the Archaeological Site near Medinat Zayed. A report to the Emirates Archaeological Group. 4p.
101. Böer, B., 1997: A vegetation survey and recommendations for the establishment of green areas with indigenous plants for the Al Maha Project, Dubai, United Arab Emirates. 22p.
102. Böer, B. & D. Gliddon, 1997: The geography and landforms of Abu Dhabi. ERWDA Internal Research Report No.4. Environmental Research and Wildlife Development Agency, Abu Dhabi. 28p.
103. Böer, B. & S. Chaudhary, 1997: Improving the botanical knowledge of the United Arab Emirates. Internal Research Report No.5. Environmental Research and Wildlife Development Agency, Abu Dhabi. 14p.

104. Böer, B. & D. Gliddon, 1997: The vegetation of Abu Dhabi. Internal Research Report No.7. Environmental Research and Wildlife Development Agency, Abu Dhabi. 46p.
105. Böer, B. & D. Sargeant, 1997: Desert perennials as plant and soil indicators in Eastern Arabia. Internal Research Report No.8. Environmental Research and Wildlife Development Agency, Abu Dhabi. 14p.
106. Böer, B. & R. A. Loughland, 1997: A rapid assessment of the habitats, flora and fauna of the Al Jimi and Al Qattara Oasis, Al Ain, United Arab Emirates. Report for the Al Ain Municipality and Shankland & Cox Ltd.
107. Böer, B., 1997: An introduction to habitat management techniques in Abu Dhabi. Internal Research Report No.15. Environmental Research and Wildlife Development Agency, Abu Dhabi. 28p.
108. Böer, B., 1997: Anthropogenic factors and their potential impacts on the terrestrial habitats of Abu Dhabi. Internal Research Report No.16. Environmental Research and Wildlife Development Agency, Abu Dhabi. 17p.
109. Böer, B., 1998: Short activity report 1998 for the EU Concerted Action Contract No. IC 18 CT 96-0055: Sustainable halophyte utilization in the Mediterranean and subtropical dry regions.
110. Aspinall, S., O. Wardman & B. Böer, 1998: An ecological assessment of the habitats at the BU Hasa concession area of ADCO. A report by the Abu Dhabi Islands Archaeological Survey.
111. Böer, B. & H. Lieth, 1998: Saltwater irrigation and halophytes in the Arabian peninsula. ERWDA Internal Research Report No. 22. 32p.
112. Böer, B., 1998: Annual Report by B. Böer. *In* EU Concerted Action Contract No. IC 18 CT 96-0055: Sustainable halophyte utilization in the Mediterranean and subtropical dry regions. Annual report 07.1997-07.1998.
113. DEWG (Böer, B., Ch. Drew, D. Gliddon, R. Loughland, W. Pearson & J. Schmitt), 1999: Proposed Protected Areas in Abu Dhabi Emirate – a report on preliminary results, evaluations and recommendations. ERWDA Internal Research Report by the Desert Environmental Working Group. 88p.
114. DEWG (Böer, B., Ch. Drew, D. Gliddon, R. Loughland, W. Pearson & J. Schmitt), 1999: Executive Summary of “Proposed Protected Areas in Abu Dhabi Emirate – a report on preliminary results, evaluations and recommendations”. ERWDA Internal Research Report by the Desert Environmental Working Group.
115. Böer, B. & S. Al Ghais, 1999: Is It Possible To Plant Mangroves And Salt Marsh Plants In Abu Dhabi ? Plantation experiments with exotic and local halophytes in saline wetlands in Abu Dhabi. ERWDA Internal Research Report No. 23. 21p.
116. Böer, B. & K. Tsuruda, 1999: The Mangrove Project. Interim Report No.1. ERWDA Technical Report. 35p.
117. Böer, B., S. Baba & K. Tsuruda, 1999: The Mangrove Project. Technical Report No.1. 61p.
118. Zirku Mangrove Group, 1999: The mangrove Project. Mangrove Plantation on Zirku Island. Field Report. 15p.
119. ERWDA / JODCO Mangrove Group, 1999: The mangrove Project. Mangrove Plantation on Mubarraz Island. Field Report. 12p.
120. Böer, B., 1999: Considerations for the establishment of the Al Wathba Lake Reserve. Part 1: Nature Trail. ERWDA Technical Report. 7p.
121. Böer, B., 1999: Indigenous plants for green areas at the NARC Falcon Hospital. ERWDA Technical Report. 11p.

122. Böer, B., 1999: Report by B. Böer. Pp.31-33. *In* Sustainable Halophyte Utilisation in the Mediterranean and Subtropical Dry Regions. INCO-DC: International Cooperation with Developing Countries (1996-2000). Contract number: IC18CT96-0055. Third Annual Report. 118p.
123. ERWDA in association with Smith Group, 2000: Abu Dhabi Botanical Garden Master Plan. 40p.
124. Böer, B. & H.-W. Koyro, 2001: The use of halophytic plants to improve the agricultural productivity in the Huanghua Province, China. A report for the Volkswagen Foundation, Germany and The International Society for Halophyte Utilization (ISHU).
125. El-Deek, M., B. Böer & A. Fahmy, 2001: Workshop on Taxonomy Capacity Building & Biodiversity Conservation in the Arab Countries. Sharm El Sheikh, Sinai, Egypt, 14-18 May 2001. Final Report. 35p.
126. Böer, B., 2001: Annual Report SEP 2000-SEP 2001. UNESCO Office Doha.
127. Böer, B., 2001: The sustainable development of coastal and marine environmental resources – UNESCO's activities in Arabia. Book of abstracts of the International Conference on Fisheries, Aquaculture and environment in the NW Indian Ocean. Sultan Qaboos University, Dept. of Marine Science & Fisheries, College of Agriculture. p.19
128. Herpin, U., Böer, B., Shakeel, A. & Markert, B., 2002: Element patterns in *Cyperus conglomerates* Rottb. along a smoke exposed transect at an open waste burning site in Abu Dhabi (U.A.E.). A pilot study. p. 67. *In* Lieth, H., Herpin, U., Böer, B., & Kotb, A. (eds), 2002: QUEST 2002 for MENA Conference Abstract Volume, Doha, Qatar, 27-30, January 2002. 143 p.
129. Böer, B., 2002: UNESCO's activities in the Gulf Arab States – how to redress adverse environmental impacts ? p. 61. *In* Lieth, H., Herpin, U., Böer, B., & Kotb, A. (eds), 2002: QUEST 2002 for MENA Conference Abstract Volume, Doha, Qatar, 27-30, January 2002. 143 p.
130. Böer, B., 2002: QUEST Conference Evaluation Report for the Qatar Supreme Council for the Environment and Natural Reserves, EXPOLine, and Qatar Petroleum. 03/2002. UNESCO Office Doha.
131. Elhag, A.G.E., S. Aspinall, H. Schwarze, B. Böer & A. Osman, 2002: Abu Hamour Study, Doha, Qatar. Project Document – Environmental Survey in Abu Hamour, Doha, Qatar. Prepared by the UNESCO Office Doha for the Qatari Ministry of Municipal Affairs and Agriculture, March 2002. 17p. & CD-Rom.
132. Clüsener-Godt, M. & B. Böer, 2002: The potential for halophytes as cash crops in arid and semi-arid regions of the world: UNESCO's actions for sustainable land use. Ministry of Agriculture and Land Reclamation. Desert Research Center. DRC Proceedings International Symposium on "Optimum Resources Utilization in Salt-Affected Ecosystems in Arid and Semi-arid Regions". 8th – 11th of April 2002, DRC, Cairo.
133. Aspinall, S., B. Böer, H. Schwarze, C. Gillespie, K. Al Alenzi, E. Al Hitmi, N. Al-Muraikhi & S. Al Safran, 2002: Biosphere Reserve Study, Qatar. Project Document – Rapid Assessment of potential Biosphere Reserves in Qatar. UNESCO Office Doha. 22p.
134. Loughland, R.A. & B. Böer, 2002: Fact Finding Mission, Tripoli, Libyan Arab Jamahiriya. Project Document – Project on coastal environmental activities in Libya. UNESCO Office Doha. 22p.
135. T.Z. Abdessalaam, T. Z. & B. Böer, 2002: Fact Finding Mission, Port Sudan, The Republic of Sudan. Project Document – Proposed coastal environmental activities in Sudan. UNESCO Office Doha. 18p.
136. Aspinall, S., & B. Böer, 2002: Biosphere Reserve Study, Sharjah. Project Document – Rapid Assessment of a potential Biosphere Reserve in Khor Kalba. UNESCO Office Doha.
137. Böer, B., 2002: Halophyte Research – UNESCO supports halophyte research and development in Arabia. *Biosalinity News* 3 (2): 6-7.

138. Pilcher, N.J., R.C. Phillips, S. Aspinall, I. Al-Madany, H. King, P. Hellyer, M. Beech, C. Gillespie, S. Wood, H. Schwarze, M. Al Dosary, I. Al Farraj, A. Khalifa & B. Böer, 2003: Hawar Protected Area (Kingdom of Bahrain). Management Plan. UNESCO Office Doha and NCWP, Bahrain. 61p.
139. Aspinall, S., Al Madany, I., King, H., Pilcher, N., Phillips, R., Dosari, M., Al Farraj, E., Khalifa, A., Gillespi, C., Schwarze, H., Wood, S., & Böer, B., 2003: Hawar Islands Biosphere Reserve Study, Bahrain. Project Document – Assessment of the Hawar Islands and Al Areen Wildlife Park, Bahrain, as a potential Biosphere Reserve. UNESCO Office Doha and NCWP, Bahrain, assisted by Mark Beech and Peter Hellyer. 44 p.
140. Baba, S., H. El Shaer, B. Böer, O.K. Osman & H. Schwarze, 2003: Biosaline Agriculture Pilot Farm for Livestock Production in Sudan. Project Proposal – Development of a Master Plan for the Establishment of a Biosaline Agriculture Pilot Farm for Livestock Production in the Coastal Zone of the Red Sea State, Republic of Sudan. Prepared for the Ministry of Agriculture of the Red Sea State. 14p. and CD-Rom.
141. Jones, D., A. Al Muftah, B. Böer, M. Abu Madi & S. Jones, 2003: Proposal for the establishment of a Marine Protected Area in Western Qatar, between Dukhan and Umm Bab – with a report on the marine, coastal and terrestrial habitats, based on a rapid assessment. Prepared for Qatar Petroleum – Dukhan Operations. 24p.
142. Böer, B., 2003: UNESCO Perspective. In Proceedings of a workshop on Seafood Biotechnology, Sultan Qaboos University, 3rd December 2003.
143. Böer, B., 2003: Sponsorship and summing up. In Proceedings of a workshop on Seafood Biotechnology, Sultan Qaboos University, 3rd December 2003.
144. Brown, G. & B. Böer, 2004: Interpretation manual of the major terrestrial natural and semi-natural habitat types in Abu Dhabi Emirate. ERWDA Internal Research Report. 62p.
145. Böer, B. & S. Lenoce, 2005: Summary Report – Gaza Fact Finding Mission August 2005. UNESCO Office Doha, UNESCO Office Ramallah, and Bureau of Field Coordination, Paris.
146. Böer, B., 2006: Natural Sciences Activities of the UNESCO Office in Doha 2006/07. pp. 12-13. *In Proceedings Workshop and Consultative Meeting on Marine Biotechnology, held at Sultan Qaboos University on 27-28 February 2006. Muscat. 37p.*
147. Licciardi, G., B. Böer, L.A. Brooks, R. Idriss, S.A. Chaudhary, G. Donald, M. Al-Farooqi, 2006: Quranic Botanic Gardens Project. Project proposal to establish a network of botanic gardens in the Arab Region influenced by scientific and aesthetic concepts from the Islamic garden culture and from the Holy Quran. UNESCO, Doha. 65p.
148. Anstey, S., M. Patry & B. Böer 2007: Report on the mission to the Arabian Oryx Sanctuary, Sultanate of Oman, 21st to 26th January 2007. UNESCO-WHC/IUCN Reactive Monitoring Mission.
149. Breulmann, M., B. Böer, U. Wernery, R. Wernery, H. El Shaer, G. Alhadrami, D. Gallacher, J. Peacock, S.A. Chaudhary, G. Brown & J. Norton, 2007: The camel from tradition to modern times. A proposal towards combating desertification via the establishment of camel farms based on fodder production from indigenous plants and halophytes. UNESCO, Doha, August 2007. 39p.
150. Licciardi, G., B. Böer, L.A. Brooks, M. Azzi Visentini, S.H. Chaudhary, U. Herpin & H. Hurka, 2007: Quranic Botanic Garden in Sharjah – Centre of Excellence for Botanic Research, Education, and Conservation of the Arabian Flora. Guidelines for the developing the Master Plan. UNESCO, Doha, August 2007. 75p. (Arabic and English).
151. Al Hajjari, S., Al Midfa, A., Al Muftah, A., Herpin, U., Batanouny, K., Böer, B., Brown, G., Yedder, N., Licciardi, G. & F. Krupp, 2007: Guidelines for the Quranic Botanic Garden in Qatar. UNESCO, Doha, 42p.

152. Licciardi, G., B. Böer, H. Schwarze & S. Aspinall, 2007: Tentative list of world heritage sites in the State of Qatar. UNESCO, Doha. 23p.
153. Richtzenhain, M., A. Al-Jaberi, B. Böer, M. Breulmann, F. Darwish, R. Dowling, J. Grainger, O. Lewellyn, K. Muhannadi, N. Pilcher, H. Schwarze, C. Southgate & M. Sutcliffe, 2008: Towards environmentally friendly tourism in Arabian Biosphere Reserves. Case study: Al Reem. UNESCO Doha, 64p.
154. Böer, B., P. Dogsé & A. Salih, 2009: Wadi Hanifa – looking ahead. UNESCO mission to Wadi Hanifa focusing on water, ecosystems and outdoor recreation in the Ar' Riyadh capital region, Saudi Arabia. UNESCO Doha, 12p.
155. Böer, B., 2009: The UNESCO Quranic Botanic Garden Network – concept, achievements and future tasks. Pp 64-65. *In* Batanouny, K. (ed): Book of Abstracts – The First International Forum on the Quranic Garden, March 2-4, 2009. Qatar Foundation. 64 p.
156. Schwarze, H., M. Breulmann, M. Sutcliffe, B. Böer, D. Al-Eisawi, N. Al-Hashimi, K. Batanouny, J. Böcker, P. Bridgewater, G. Brown, A. Bibtana, G. Faulstich, R. Loughland, N. Es'Haqi, P. Neuschäfer, M. Richtzenhain, K. Scholz-Barth, S. Chaudhary & F. Techel, 2010: Better Buildings. Enhanced water-, energy- and waste-management in Arab urban ecosystems – globally applicable. UNESCO, Friends of the Environment Centre, UNEP & UNIC. 44p.
157. Böer, B., M. Richtzenhain, H. Schwarze & M. Breulmann, 2010: Background and introduction. pp. 6-7. *In*: Schwarze, H., M. Breulmann, M. Sutcliffe, B. Böer, D. Al-Eisawi, N. Al-Hashimi, K. Batanouny, J. Böcker, P. Bridgewater, G. Brown, A. Bibtana, G. Faulstich, R. Loughland, N. Es'Haqi, P. Neuschäfer, M. Richtzenhain, K. Scholz-Barth, S. Chaudhary & F. Techel, 2010: Better Buildings. Enhanced water-, energy- and waste-management in Arab urban ecosystems – globally applicable. UNESCO, Friends of the Environment Centre, UNEP & UNIC. 44p.
158. Böer, B., D. Al-Eisawi, K. Batanouny, G. Brown & S. Chaudhary, 2010. Improve freshwater management in gardens and green areas in the Arabian Peninsula. pp. 10-12. *In*: Schwarze, H., M. Breulmann, M. Sutcliffe, B. Böer, D. Al-Eisawi, N. Al-Hashimi, K. Batanouny, J. Böcker, P. Bridgewater, G. Brown, A. Bibtana, G. Faulstich, R. Loughland, N. Es'Haqi, P. Neuschäfer, M. Richtzenhain, K. Scholz-Barth, S. Chaudhary & F. Techel, 2010: Better Buildings. Enhanced water-, energy- and waste-management in Arab urban ecosystems – globally applicable. UNESCO, Friends of the Environment Centre, UNEP & UNIC. 44p.
159. Ahmed, A., B. Böer, M. Sutcliffe, M. Abdel-Sattar, H. Al-Hammami, I. Al-Zubaidi, H. Ayyash & Y. Falah, 2011: Road Traffic in the Arab States of the Gulf. A new systematic and inter-sectoral network to catalyze the improvement of health, safety and environment of road traffic, based on statistics, science and education. UNESCO, 25p.
160. Böer, B. & C. Huot, 2013: Interim Report for Pergola: collecting indigenous and native plant species for a commercial plant nursery in Qatar. UNESCO Doha. 13p.
161. Böer, B., C. Huot, P. Bannier & M. Sutcliffe, 2013: Final Report for Pergola: collecting indigenous and native plant species for a commercial plant nursery in Qatar. UNESCO Doha. 55p., 65 maps, and GPS locations of all plant species found.

Forewords, prefaces, editorials

162. Böer, B., 2001: Foreword. *In* Perry, R., S. Britsch & J. Zainal: Development Plan Marine & Coastal Environmental Database for Bahrain. UNESCO, BCSR & ERWDA, Doha, July 2001. 26p.
163. Böer, B., 2002: Preface. *In* D. Kock, H. Schwarze & T. Oppermann (2002): Fauna survey in Ras Laffan Industrial City, Qatar. Rapid assessment of the Gas to Liquid Project Area. UNESCO, Senckenberg Resesearch Institute and University of Paderborn, prepared for Qatar Petroleum. 31p. and CD-Rom.
164. Böer, B. & G. Elgewely, 2003: Foreword. *In* R.A. Loughland, 2003: Rashid the recycler. A recycling guide for the State of Qatar. Book and CD-Rom. UNESCO Office Doha and the Ministry of Education, Qatar.

165. Böer, B., 2003: Foreword. *In* Price, A., Abdessalaam, T. & D. Gliddon, in prep.: Tasks for coastal resources mapping and oil spill sensitivity mapping in the GCC countries. Possibilities to cooperate with UNESCO. 31p.
166. Böer, B. & G. El Gewely, 2004: Foreword. *In* Ronald Abdalla Loughland, 2004: Rashid The Recycler. Recycling Guide For Qatar. In Arabic and English. UNESCO and the Ministry of Education of Qatar, Doha. 72p.
167. Böer, B., 2006: Foreword. *In* Münir Öztürk, Yoav Waisel, M. Ajmal Khan, Güven Görk (eds): Biosaline Agriculture and Salinity Tolerance in Plants. Birkhäuser Verlag, Basel, Switzerland. 205p.
168. Böer, B., K.M. Amer, M. Brook, M. Clüsener-Godt & W. Saleh, 2006: Editorial. *In* Amer, K.M., M. Brook, B. Böer, M. Clüsener-Godt & W. Saleh (eds): Policy guidelines – ecosystem and water management in the Arabian Peninsula. UNESCO & UNU, Doha and Dubai.
169. Böer, B., 2007: UNESCO Doha's activities towards the conservation of Arabian wildlife species and their habitats. Book of abstracts of The International Conference on the Arabian Oryx in the Arabian Peninsula. Saudi Biological Society. 8p.
170. Munawar, M., W. Hamza, F. Krupp, B. Böer & S. Al-Ghais, 2007: Editorial. pp. 256-258. *In* Munawar, M., W. Hamza, F. Krupp, B. Böer & S. Al-Ghais (eds) 2007: Special Issue: The State of the Gulf Ecosystem: Future and Threats. Aquatic Ecosystem Health & Management. The Official Journal of the Aquatic Ecosystem Health and Management Society, Canada. pp.253-363.
171. Abuzinada, A., H.-J. Barth, F. Krupp, B. Böer & T. Al Abdessalaam 2008: Editorial. pp. IX-X. *In* Abuzinada, A., H.-J. Barth, F. Krupp, B. Böer & T. Al Abdessalaam (eds) 2008: Protecting the Gulf's marine environment from pollution. Birkhaeuser, Switzerland. 285p.
172. Böer, B. & M. Clüsener-Godt 2008: Forword. *In* Abdelly C., M. Öztürk, A. Mohammed & C. Grignon (eds) 2008: Biosaline Agriculture and High Salinity Tolerance. Birkhäuser Verlag, Basel, Switzerland. 367p.
173. UNDP & General Secretariat for Development Planning, 2009: Advancing Sustainable Development – Qatar National Vision 2030. GSDP, Doha. 146p. English & Arabic.
174. Böer, B. & M. Sutcliffe, 2010: Preface. pp. 2-4. *In*: Schwarze, H., M. Breulmann, M. Sutcliffe, B. Böer, D. Al-Eisawi, N. Al-Hashimi, K. Batanouny, J. Böcker, P. Bridgewater, G. Brown, A. Bibtana, G. Faulstich, R. Loughland, N. Es'Haqi, P. Neuschäfer, M. Richtzenhain, K. Scholz-Barth, S. Chaudhary & F. Techel, 2010: Better Buildings. Enhanced water-, energy- and waste-management in Arab urban ecosystems – globally applicable. UNESCO, Friends of the Environment Centre, UNEP & UNIC. 44p.
175. Böer, B. & M.A. Khan, 2014: Introduction. *In* Khan, M.A., B. Böer, M. Öztürk, T.Z. Al Abdessalaam, M. Clüsener-Godt & B. Gul (eds) 2014: Sabkha Ecosystems Vol IV: Cash Crop Halophyte and Biodiversity Conservation. Tasks for Vegetation Science 47. Springer, The Netherlands. 339p.

Participated a total of > 120 UNESCO missions to 20 countries (Bahrain, China, Egypt, Ethiopia, France, Germany, Iran, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Palestine, Saudi Arabia, Spain, Sudan, Tunisia, Turkey, United Arab Emirates). Visited > 75 countries in professional and private visits.