

## CURRICULUM VITAE

### PERSONAL:

Igor PLOTNIKOV  
b. 26 January 1954, St.-Petersburg, Russia  
Married, one child  
Russian citizen

### EDUCATION:

Diploma 1976, University of St.-Petersburg  
Ph.D. 1995, Zoological Institute of Russian Academy of Sciences, St.-Petersburg.

### CAREER:

1976 – 1980 Senior laboratory assistant, State Research Institute of the Lake and River Fishery, St.-Petersburg;  
1980 – 1981 Engineer-biologist, Sewage-purification station St.-Petersburg;  
1984 – 1989 Junior scientific research worker, Central Laboratory of Fish Reproduction, St.-Petersburg;  
1989 – 2003 Scientific research worker, Zoological Institute of Russian Academy of Sciences, St.-Petersburg.  
Since 2003 Senior scientific research worker, Zoological Institute of Russian Academy of Sciences, St.-Petersburg.

### FIELDS OF SCIENTIFIC SPECIALISATION:

Zoology of invertebrates, Fresh and Brackishwater Hydrobiology; Ecophysiology of water invertebrates.

### AWARDS:

Grant of G. Soros foundation on the results of 1993/94 years on problem "Biodiversity".

### ADDRESS:

Laboratory of Brackishwater Hydrobiology, Zoological institute of Russian Academy of Sciences, Universitetskaya nab. 1, St.-Petersburg, 199034, RUSSIA.  
TEL:(812)3284609 (work)  
TEL:(812)3940332 (home)  
FAX:(812)3282941 and (812)1140444  
E-mail: [aral3@zin.ru](mailto:aral3@zin.ru)

### PUBLICATIONS:

1. Aladin N. V., Plotnikov I. S., 1985. Microcristoscopic study of a liquid from maxillary gland of *Daphnia magna* Strauss acclimated to water with different salinity // *Hydrobiol. J.* 21(4): 62-65 (in Russian)
2. Plotnikov I. S. [On the problem of morphophysiological evaluation of autumn keta] // *Ecological physiology and biochemistry of fishes. 7th All-Union conference, Yaroslavl. Vol. 2, 1989. (in Russian)*

3. Plotnikov I. S. The Aral Sea parasite fauna before and in the period of progressing salinization // *Proceed. of Zool. Inst.*, 1990, v.223, pp. 67-84 (in Russian).
4. Plotnikov I. S. Zooplankton of Butakov bay (the Aral Sea) in September 1990 // *Proceed. of Zool. Inst.*, 1991, v.237, p.34-39.
5. Plotnikov I. S. The Aral Sea zooplankton in May 1991 in coastal zone of Barsakelmes island taking as example // *Proceed. of Zool. Inst.*, 1993, v.250, p.38-41. (in Russian).
6. Plotnikov I. S. The Aral Sea zooplankton (the Small Sea and Butakov bay) in September 1991 // *Proceed. of Zool. Inst.*, 1993, v.250, p.42-45. (in Russian).
7. Plotnikov I. S. The Aral Sea zooplankton in 1992 // *Proceed. of Zool. Inst.*, 1993, v.250, p.46-51. (in Russian).
8. Plotnikov I. S. The Aral Sea (The Small Aral Sea) zooplankton under conditions of the regime stabilisation // *Proceed. of Zool. Inst.*, 1995, v.262, p.167-173 (in Russian).
9. Plotnikov I. S. Zooplankton of the Northern Aral Sea coastal zone under present polyhaline conditions. Theses of dissertation. 1995. Pp 1-24.
10. Plotnikov I.S, Aladin N.V., Philippov A.A. The past and present of the Aral Sea fauna. // *Zool. J.*, 1991, v.70, No.4, pp. 5-15. (in Russian).
11. Plotnikov I.S, Aladin N.V., Philippov A.A. The past and present Aral Sea fauna // *Scripta Technica Inc.* 1991. pp. 33-44.
12. Andreev N. I., Plotnikov I. S. The Aral Sea zooplankton under conditions of progressing salinization. // *Proceed. of Zool. Inst.*, 1990, v.223, pp. 19-23. (in Russian).
13. Andreev N. I., Plotnikov I. S., Aladin N. V. The fauna of the Aral Sea in 1989. 2. The zooplankton. // *Int. J. Salt Lake Res.*, 1992, No.1, pp.111-116.
14. Aladin N. V., Plotnikov I. S., Filippov A. A. Ecosystem of the Aral Sea and its anthropogenic change. *Hydrobiol. J.*, 1992, v.28, No.2. pp. 3-10. (in Russian).
15. Aladin N. V., Plotnikov I. S., Filippov A. A. Hydrobiological environmetrics on the Aral Sea in XX century. // 4th International Conference on Statistical Methods for the Environmental Sciences, book of abstracts. Helsinki, 1992, p.13.
16. Aladin N. V., Plotnikov I. S. Large saline lakes of former USSR: a summary review // *Hydrobiologia*, 1993. Vol. 267. P. 1-12.
17. Aladin N. V., Plotnikov I. S. On the problem of possible conservation and rehabilitation of the Small Aral Sea // *Proceed. of Zool. Inst.* 1995. v.262, p.3-16 (in Russian).
18. Aladin N. V., Plotnikov I. S., Potts W. T. W. The Aral Sea desiccation and possible ways of rehabilitating and conserving its Northern part // *Int. J. Environmetrics*, 1995. Vol. 6. P. 17-29.
19. Aladin N. V., Plotnikov I. S. Changes in the Aral Sea level: palaeolimnological and archaeological evidences // *Proceed. of Zool. Inst.* 1995. v.262, p.17-46 (in Russian).
20. Aladin N.V., Plotnikov I.S., Orlova M.I., Filippov A.A., Smurov A.O., Piriulin D.D., Rusakova O.M. and Zhakova L.V, 1996. Changes in the form and biota of the Aral Sea over time. In: NATO ASI Series, Partnership Sub-Series, 2. Environment - vol. 12. The Aral Sea basin: 33-55;
21. Aladin N.V., W.T.W. Potts, I.S. Plotnikov, A.A. Filippov, Orlova M.I. Recent changes in the hydrobiology of the Aral Sea. In: *Chemistry and Ecology*, v. 4 (1998) pp. 1-38.
22. Orlova M.I., N.V. Aladin, A.A. Filippov, I.S. Plotnikov, A.O. Smurov, O.M. Rusakova, L.V. Zhakova, D.D. Piriulin, 1998. Living associations of the Northern part of the Aral Sea in 1993-1995. // *Ecological Research and Monitoring of the Aral Sea. A Basis for Restoration. UNESCO Aral Sea Project 1992-1995 Final Scientific Report.* pp. 95-148.
23. Aladin N.V., Filippov A.A., Plotnikov I.S. Invertebrate fauna of the Aral Sea (Past, present and possible future composition). (in Russian)

24. Filippov A.A., Orlova M.I., Rusakova O.M., Zhakova L.V., Plotnikov I.S., Smurov A.O., Aladin N.V., 1998. Plankton and benthos of Bolshoy Sarycheganak Bay (the Aral Sea) // Russian Journal of Hydrobiology, No. 4: 15-32. (in Russian)
25. Aladin N., Plotnikov I. and Filippov A. 1998. Biodiversity of the Aral Sea in Holocene: past, present and future. In: Jashenko R., T. Kosali, K. Pachikin, N. Ishida, B. Aronov Eds., Sustainable Use of Natural Resources of Central Asia. Proceedings of International Scientific Conference, Almaty, September 9-11, 1997, Almaty, Tethys. p 135-141.
26. N.V. Aladin, Filippov, A.A., Plotnikov, I.S., Orlova, M.I., and Williams, W.D. 1998. Changes in the structure and function of biological communities in the Aral Sea, with particular reference to the northern part (Small Aral Sea), 1985–1994: A review. *Int. J. Salt Lake Research*, 7, No. 4: 301-343.
27. Aladin N.V., W.T.W. Potts, I.S. Plotnikov, A.A. Filippov, Orlova M.I 1999. Recent changes in the hydrobiology of the Aral Sea. In: *Chemistry and Ecology*, v. 15. pp. 235-272.
28. N. V. Aladin, V. Ryabova, Yu. S. Chuykov, I. S. Plotnikov. 1999. Problems of macro- and microevolution in superfamily Polyphemoidea = Onychopoda (Cladocera) *Proceed. of Zool. inst.*
29. Aladin, N., Plotnikov, I., Zhamoida V. 1999. Palaeolimnology and palaeosalinity of the Aral Sea in Holocene. *Proceedings of 27th SIL Congress.*
30. N.V. Aladin, I.S. Plotnikov. 1999. Ostracoda and palaeosalinity of the Caspian Sea. *Proceedings of the 4th Ostracodologists Meeting.*
31. Aladin N.V., Gorokhova E.V., Chuykov Yu.S., Richter S., Ryabova V.N., Avinsky V.A., Plotnikov I.S. 1999. On invasion of representatives of genus *Cercopagis* (Cercopagidae, Polyphemoidea, Cladocera) in the Baltic Sea and Lake Ontario. In: *Proc. of Annual Sci. Conf. Of St.Petersburg Univ., Febr. 1999.* (in Russian)
32. Aladin N.V., Richter S., Chuykov Yu.S., Plotnikov I.S. 1999. Problems of macro- and microevolution in superfamily Polyphemoidea (Cladocera). In: *Annual scientific session of Zoological Institute RAS.* (in Russian)
33. N.V. Aladin, I.S. Plotnikov, A.A. Filippov. 1999. Hydrology and Ecology of the Aral Sea. In: Kerstin Lindahl Kiessling (Ed.) *Alleviating the Consequences of an Ecological Catastrophe. Conference on the Aral Sea – Women, Children, Health and Environment.* Parliament Building, Stockholm, Rikspan, 23-24 April 1998. Swedish UNIFEM Committee: 27-41.
34. Aladin N.V., Gorokhova E.V., Chuykov Yu.S., Richter S., Ryabova V.N., Avinskiy V.A., Plotnikov I.S. 1999. To the problem of genus *Cercopagis* (Cercopagidae, Polyphemoidea, Cladocera) representatives invasion into the Baltic Sea and Lake Ontario. *16th Baltic Marine Biologists Symposium.* June 21-26, 1999. Klaipeda, Lithuania.
35. Aladin N.V., I.S. Plotnikov, A.A. Filippov, V.A. Petukhov. 2000. Results of hydrobiological and palaeolimnological explorations at the Northern Caspian. Final Session on the results of 1999 researches. *Zoological Institute RAS*, 4-6 of April 2000. *Book of abstracts.* St. Petersburg, 2000: 3-4. (in Russian)
36. Aladin N.V., I.S. Plotnikov. 2000. Menace of large-scale ecological disaster by the Caspian Sea (Comparative analysis of the reasons and consequences of ecological crises on the Aral and Caspian Seas) // *Problems of fisheries.*, vol.1, issue 2-3, pp.18-41. (in Russian)
37. Aladin N.V., I.S. Plotnikov 2000. Palaeolimnology and palaeosalinity of the Caspian Sea and its precursors for the last 15 millions years. In: *Proceedings of Caspian Floating University:* 51-64 (in Russian)

38. Aladin N.V., Filippov A.A., Plotnikov I.S., Egorov A.N. 2000. Modern State of the Small Aral Sea. In: Physical Geography of the Ocean and Oceanic Environmental Use at the Beginning of XXI Century. Kaliningrad. Pp. 79-90. (in Russian).
39. Aladin, N. V., Filippov, A. A., Plotnikov, I. S., Egorov, A. N., Piriulin, D. D. & Smurov, A. O. 2000. Modern ecological state of the Small Aral Sea In: Ecological research and monitoring of the Aral Sea deltas. A basis for restoration. Book 2. UNESCO Aral Sea Project. 1997-1999 Final Scientific Report, pp. 73–81.
40. Aladin N.V., I.S. Plotnikov. 2000. Water and environment health. Proceedings of Water Stockholm Symposium. August 14-17, 2000
41. Aladin N.V., I.S. Plotnikov. 2000. Menace of large-scale ecological disaster by the Caspian Sea (Comparative analysis of the reasons and consequences of ecological crises on the Aral and Caspian Seas). In: Caspian Sea Bulletin, 4. Pp. 112-126. (in Russian).
42. Boomer, I., N.V. Aladin, I.S. Plotnikov, R. Whatley, 2000. The Palaeolimnology of the Aral Sea: A Review. // Quaternary Science Reviews, 19. Pp. 1259-1278.
43. Aladin N.V., A.A. Filippov, V.A. Petukhov, I.S. Plotnikov, A.O. Smurov. 2000. Hydrobiological studies of Zoological Institute RAS in Volga delta and the Northern Caspian in 1994-1997. Part 2. Zooplankton and zoobenthos. In: Caspian Floating University Research Bulletin, 1. Pp. 93-102. (in Russian)
44. Aladin N.V., A.A. Filippov, V.A. Petukhov, I.S. Plotnikov. 2000. Results of hydrobiological and palaeolimnological studies at the Northern Caspian Sea. Trudy Zool. Inst. Ross. Akad. Nauk, 286. Pp. 5-10
45. A.A. Filippov, I.S. Plotnikov, N.V. Aladin, S. Juggins, Z. Ermakhanov, 2001. Hydrobiological database “The Zooplankton and Zoobenthos of the Aral Sea”: ecocatastrophe embodied in figures. In: Information Technology in Biodiversity Research. Proceedings & Abstracts of the 2nd International Symposium. St. Petersburg 2001. P. 162.
46. Pugachov O.N., Aladin N.V., Plotnikov I.S., Filippov, A.A., Tikhonov A.N., Chuikov Yu.S., Orlova M.I. 2001. National Habitat Report of the Caspian Sea prepared by the Russian Federation.
47. Aladin N.V., Plotnikov I.S., Filippov A.A. 2002. Invaders in the Caspian Sea. In: Invasive aquatic species of Europe. Distribution, impacts and management. Pp. 351-359.
48. Aladin N.V., Filippov A.A., Plotnikov I.S. 2002. Zoobenthos and zooplankton of the Northern Aral Sea and possible ways of the ecosystem rehabilitation. In: Lake Issyk-Kul: Its natural environment. NATO Science Series. IV. Earth and Environmental Sciences – vol. 13. Pp. 181-190.
49. Aladin N.V., Plotnikov I.S. 2003. Anthropogenic changes of the Aral Sea ecosystem. In: 5th ICEF, 23-27 March 2003, ETH Zurich. Summaries and Abstracts. P. 71.
50. Aladin N.V., Plotnikov I.S. 2003. Anthropogenic changes of the Caspian Sea ecosystem. In: 5th ICEF, 23-27 March 2003, ETH Zurich. Summaries and Abstracts. P. 72.
51. Aladin N.V., Plotnikov I.S. 2003. Changing of the biodiversity in the Caspian Sea during 20th century. In: Abstracts. International Association for Great Lakes Research 45th Annual Conference & International Lake Environment Committee 10th World Lakes Conference. June 22-26, 2003 DePaul University, Chicago, Illinois. P. 77.
52. Aladin N.V., Plotnikov I.S. 2003. Changing of the biodiversity in the Aral Sea during 20th century. In: Abstracts. International Association for Great Lakes Research 45th Annual Conference & International Lake Environment Committee 10th World Lakes Conference. June 22-26, 2003 DePaul University, Chicago, Illinois. P. 78.
53. Aladin N.V., Plotnikov I.S., Letolle R., 2003. Hydrobiology of the Aral Sea. In: Dying and Dead Seas. NATO ARW/ASI Series, Kluwer Publ., Dordrecht. Pp. 125-158.

54. Aladin N.V., Plotnikov I.S., 2003. Hydrobiology of the Caspian Sea. In: Dying and Dead Seas. NATO ARW/ASI Series, Kluwer Publ., Dordrecht. Pp. 185-226.
55. Aladin N.V., Plotnikov I.S., Chuikov Yu. S. 2003. Impact of introduced species on the ecosystem of the Caspian Sea. In: Astrakhansky vestnik ekologicheskogo obrazovaniya. No. 1(5). Pp.24-30 (in Russian)
56. Keyser, D., Aladin, N., Plotnikov, I. 2004. Ostracods and their adjustment to saline environments. *Mitteilungen des hamburgischen Zoologischen Museums und Instituts*. Vol. 101. Pp. 157-167.
57. Aladin N.V., Plotnikov I.S., Smurov A.O., Gontar V.I. 2004. Changing of the hydrobionts fauna in the Aral Sea during 20th century and in the beginning of 21st century. In: Proceedings of International Seminar, March 26, 2003. Perspectives of biological resources sustainable development in Pruaralie water bodies. Almaty. Pp. 9-19. (in Russian)
58. Aladin N.V., Micklin Ph.T., Plotnikov I.S., Smurov A.O., Gontar V.I. 2004. Changing of the Aral Sea biota in the second part of 20th century and in the beginning of 21st century. In: Aral-2003. Published by Executive Committee of International Fund for Saving Aral Sea. Dushanbe. Pp. 85-127. (in Russian)
59. Aladin N.V., Micklin Ph.T., Plotnikov I.S. 2004. Past, present and future of the Aral Sea: Lessons learned from ecological disaster. In: In: Aral-2003. Published by Executive Committee of International Fund for Saving Aral Sea. Dushanbe. Pp. 85-127.
60. Aladin N.V., Plotnikov I.S. 2004. Impact of invasive species on the Caspian Sea. In: Biological invasions in aquatic and terrestrial ecosystems. Moscow-St.Petersburg. Pp. 231-242. (in Russian)
61. Aladin N.V., Plotnikov I.S., Smurov A.O., Gontar V.I. 2004. The role of introduced animal species in the ecosystem of the Aral Sea. In: Biological invasions in aquatic and terrestrial ecosystems. Moscow-St.Petersburg. Pp. 275-296. (in Russian)
62. Aladin N.V., Plotnikov I.S., Piriulin D.D., Smurov A.O., Egorov A.N., Gontar' V.I., Dubenskaya G.I., Zhakova L.V. 2004. Changing of the Aral Sea fauna during the last 40 years. In: Humboldt-Kolleg International Conference. July 6-10, 2004, Tashkent, Uzbekistan. Pp. 87-90.
63. Aladin N., Micklin Ph., Keyser D., Plotnikov I., Letolle R., Smurov A. 2004. Results of Aral Sea studies. In: SIL XXIX Congress Lahti Finland 8-14 August 2004. P. 156.
64. Aladin N.V., Micklin P., Plotnikov I.S., Piriulin D.D., Smurov A.O., Gontar' V.I., Zhakova L.V. 2004. The Aral Sea and its rehabilitation. In: Proc. Zool. Inst. Russ. Acad. Sci. Vol 300. Pp. 5-32.
65. Letolle R., Aladin N., Plotnikov I. Aral Sea. In: Kluwer Encyclopedia.
66. Aladin N.V., Plotnikov I.S., Chuikov Yu. S. 2005. Past and modern invasive stories of Onychopoda (Cladocera): molecular-biology methods as a tool for the Study. In: Exploring diversity of Baltic Sea biota: new tools, results and implications. Tvärminne Zoological Station. 22-24 April 2005. P. 52.
67. Aladin N., Letolle R., Micklin P., Plotnikov I. 2005. Palaeo Amu Darya and palaeo Uzboy discharge influence on Caspian Sea level and biodiversity. In: International Conference on Rapid Sea Level Change: a Caspian Perspective, May 2-9, 2005. The University of Guilan, Rasht, I. R. of Iran. Pp. 13-14.
68. Letolle R. , Aladin N., Plotnikov I., Boroffka N. G. O. 2005. The future chemical evolution of the Aral Sea from 2000 to the years 2050 // Mitigation and Adaptation Strategies for Global Change. Vol. 10. Pp. 51-70.

69. Aladin N.V., Crétaux J.-F., Plotnikov I.S., Kouraev A.V., Smurov A.O., Cazenave A., Egorov A.N., Papa F. 2005. Modern hydro-biological state of the Small Aral Sea // *Environmetrics*, Vol. 16. Pp. 375-392.
70. Crétaux J.-F., Kouraev A.V., Papa F., Bergé-Nguyen M., Cazenave A., Aladin N., Plotnikov I.S. 2005. Evolution of Aral Level of the Big Aral Sea from Satellite Altimetry and its Implications for Water Balance. *J. Great Lakes Res.* Vol. 31. Pp. 520-534.
71. Aladin N.V., Plotnikov I.S. 2005. Conception of Baltic Sea Biodiversity. In: *Baltic Sea Day 2005*. 21-23 March 2005, St.Petersburg. VI International Ecological Forum. Pp. 109-110.
72. Mingazova N.M., Aladin N.V., Ivanova M.B., Golubkov S.M., Derevenskaya O.Y., Palagushkina O.V., Unkovskaya E.N. Plotnikov I.S., Piriulin D.D., Zhakova L.V., Smurov A.O., Pavova L.R., Barieva F.F., Monasipov M.A., Nazarova L.B. 2005. Features of the structurally-functional organization and evolution ecosystems of unique brackish (Azure) Karstic lakes (Russia). In: *Proceedings volume 2. 11th World Lakes Conference*. 31st October – 4th November 2005, Nairobi, Kenya. Pp. 108-109.
73. Mingazova N.M., Aladin N.V., Ivanova M.B., Golubkov S.M., Derevenskaya O.Y., Palagushkina O.V., Unkovskaya E.N. Plotnikov I.S., Piriulin D.D., Zhakova L.V., Smurov A.O., Pavova L.R., Barieva F.F., Monasipov M.A., Nazarova L.B. 2005. Features of the structurally-functional organization and evolution ecosystems of unique brackish (Azure) Karstic lakes (Russia). In: *11th World Lakes Conference*. 31st October – 4th November 2005, Nairobi, Kenya. *Proceedings Volume II*. Pp. 363-366.
74. Aladin N., Plotnikov I., Micklin Ph., Keyser D. 2005. The Aral Sea and its rehabilitation. In: *Abstract volume. 11th World Lakes Conference*. 31st October – 4th November 2005, Nairobi, Kenya. Pp. 73-74.
75. Aladin N.V., Plotnikov I.S., Smurov A.O., Piriulin D.D., Zhakova L.V., Gontar' V.I. 2005. Original and contemporary condition of Aral Sea. In: *Materials of youth schools (Azov, October 2005)*. Pp. 6-24. [in Russian]
76. Aladin N.V., Plotnikov I.S., Dianov M.B. 2005. The impact of invading species on Caspian Sea biodiversity. In: *Materials of youth schools (Azov, October 2005)*. Pp. 25-35. [in Russian]
77. Aladin N.V., Plotnikov I.S., Piriulin D.D., Zhakova L.V. 2005. The experience of using the concept of relativity and plurality of barrier salinity zones in the Azov Sea. In: *Materials of youth schools (Azov, October 2005)*. Pp. 129-140. [in Russian]
78. Aladin N.V., Lemeshko N.A., Plotnikov I.S. 2006. Salinity Adaptations and Osmorulatory Capacities of Hydrobionts from the Sea of Azov. In: *Russian-German Seminar: Adaptations of Marine Organisms and Problems of Global Climate Changes*. St.Petersburg, April 19-25 2006. Pp. 3-4.
79. Aladin N.V., Plotnikov I.S. 2006. How changing of the Caspian Sea level makes influence on biodiversity of fishes and free-living aquatic invertebrates. In: *4th International Conference of UNESCO programme 481. Dating "Caspian Sea Level Change"*. Aktau, Mangistau District, Kazakhstan 20-23 May, 2006. *Materials of a Conference. Abstracts-Articles*. P. 15.
80. Aladin N., Micklin Ph., Keyser D., Plotnikov I. 2006. Managing Aral Lake and their Basin for Sustainable Use. In: *Abstract Volume. World Water Week in Stockholm. Beyond the River – Sharing Benefits and Responsibilities*. August 20-26, 2006. Pp. 258-259.
81. Aladin N., Micklin P., Plotnikov I., Keyser D., Piriulin D., Smurov A., Crétaux J.-F., Egorov A., Ballatore T., Karimov B., Ermakhanov Z., Boroffka N. 2006. Biodiversity of the Aral Sea and possible ways of rehabilitation and conserving its remnant water

- bodies. In: Extreme Hydrological Events in Aral and Caspian Regions. The Proceedings of International Scientific Conference. Moscow, 19-20 October 2006. Pp. 201-205. [In Russian]
82. Plotnikov I., Aladin N., Cretaux J.-F., Micklin Ph., Chuikov Yu., Smurov A. 2006. Biodiversity and recent exotic invasions of the Caspian Sea. In: Verhandlungen der Internat. Verein. Limnol., 29(5), 2259-2262.
  83. Aladin N., Micklin Ph., Keyser D., Plotnikov I., Letolle R., Smurov A., Cretaux J.-F. 2006. Results of Aral Sea studies. In: Verhandlungen der Internat. Verein. Limnol., 29(5).
  84. Aladin N.V., Plotnikov I.S., Dianov M.B. Baltic Sea Biodiversity Concept. [http://www.zin.ru/labs/brackish/pdfs/Baltic\\_Sea\\_Biodiversity\\_Concept.pdf](http://www.zin.ru/labs/brackish/pdfs/Baltic_Sea_Biodiversity_Concept.pdf)
  85. Létolle R., Micklin P., Aladin N. and Plotnikov I. 2007. Uzboy and the Aral regressions: A hydrological approach. Quaternary International, October-November 2007: 125-136.
  86. Aladin N.V., Keyser D., Plotnikov I.S. 2008. Biodiversity and diversity of salinity conditions in the Baltic Sea protected areas. IX International Ecological Forum “The Baltic Sea Day”, St. Petersburg: 208-210.
  87. Aladin N., Micklin P., Plotnikov I. 2008. Biodiversity of the Aral Sea and its importance to the possible ways of rehabilitating and conserving its remnant water bodies. In: NATO Science for Peace and Security Series – C: Environmental Security. Environmental Problems of Central Asia and their Economic, Social and Security Impacts. Edited by Jiaguo Qi, Kyle T.Evered. Springer. 73-98.
  88. Aladin N.V., Plotnikov I.S., Micklin P. & Ballatore T. 2008. The Aral Sea: water level, salinity and long-term changes in biological communities of an endangered ecosystem - past, present and future. In: Oren, A., Naftz, D.L., and Wurtsbaugh, W.A. (eds.), Saline lakes around the world: unique systems with unique values. The S.J. and Jessie E. Quinney Natural Resources Research Library, published in conjunction with the Utah State University College of Natural Resources.
  89. N. Aladin, I. Plotnikov, T. Ballatore, P. Micklin. 2008. Biodiversity of the Aral Sea and Possible Ways of Rehabilitating and Conserving its Remnant Water Bodies. In: Proceedings of Taal2007: The 12th World Lake Conference: 382-391.
  90. Aladin N.V., Plotnikov I.S. 2008. Modern fauna of residual water bodies formed on the place of the former Aral Sea. Proceedings of Zoological Institute RAS, vol. 312, No, 1/2: 145–154. [in Russian]
  91. N. Aladin, I. Plotnikov, T. Ballatore, P. Micklin. 2008. Review of Technical Interventions to Restore the Northern Aral Sea. In: Japan International Cooperation Agency: Study Reports: Country and Regional Study Reports: Central Asia and Caucasus. Vol. 4.
  92. N. Aladin, I. Plotnikov, T. Ballatore, P. Micklin. 2008. Biodiversity loss in a saline lake ecosystem: Effects of introduced species and salinization in the Aral Sea. In: Japan International Cooperation Agency: Study Reports: Country and Regional Study Reports: Central Asia and Caucasus. Vol. 4.
  93. N. Aladin, P. Micklin I., Plotnikov. 2008. Crucial water issues for the Aral Sea basin in the 21st century. In: International conference: Problems of Aral: impact on the gene pool of population, flora, fauna and international cooperation for mitigating consequences.
  94. Stepanova L.A., Aladin N.V., Plotnikov I.S. 2009. New subspecies of *Hemidiaptomus ignatovi* (Crustacea, Diaptomidae) from Kirgizia. Zool. Zurn., 88 (2): 243-246. [in Russian]
  95. Aladin N.V., Plotnikov I.S. 2009. Past, present and future of the Aral Sea. Proceedings of World Water Forum 5. Istanbul, March 16-22, 2009.

96. Aladin N.V., Plotnikov I.S. 2009. Influence of salinity factor on unique Caspian Sea biodiversity and biological resources at present and in the past. Proceedings of World Water Forum 5. Istanbul, March 16-22, 2009.
97. Aladin N.V., Plotnikov I.S. 2009. Environmental Problems of hybrid marine/lacustrine seas and lakes (Aral Sea and Baltic Sea taken as example). In: Soil stability in ecologically vulnerable regions. International Scientific Conference, June 10-12, Perloja, Lithuania: 19-23.
98. Aladin N.V., Plotnikov I.S. 2009. The Aral Sea. In: Lakes of the World. [in press] [in Russian]
99. Egorov A.N., Aladin N.V., Plotnikov I.S. 2009. The Caspian Sea. In: Lakes of the World. [in press] [in Russian]
100. Aladin N.V., Plotnikov I.S. 2009. Aral Sea yesterday, today and tomorrow. 2<sup>nd</sup> Nevsky Ecological Congress, St. Petersburg, May 2009. [in Russian]
101. Aladin N.V., Plotnikov I.S. 2009. Hybrid marine/lacustrine seas and saline lakes of the world. 13th World Lake Conference (WLC13) in Wuhan, CHINA.
102. Oren A., Plotnikov I. S., Sokolov S. and Aladin N. V. 2010. The Aral Sea and the Dead Sea: Disparate lakes with similar histories. *Lakes & Reservoirs: Research and Management* 2010 15: 223–236.
103. Ermakhanov Z. K., Plotnikov I. S. and Aladin N. V. 2011. Changes in the Aral Sea ichthyocenosis and fishery in the period of ecological crisis. *Lakes & Reservoirs: Research and Management*, 17: 3–9.
104. Plotnikov I. S. and Aladin N. V. 2011. Hybrid marine/lacustrine seas and saline lakes of the world. *Lakes & Reservoirs: Research and Management*, 16: 97-108.
105. Aladin N., Plotnikov I., Keyser D., Shadrin N. 2011. LME, IL2BM and BSR approaches for biodiversity and ecosystem studies of the Baltic Sea. XII International Ecological Forum “The Baltic Sea Day”, St. Petersburg, March 21-23, 2011. Pp. 282-286.
106. Plotnikov I. 2011. Transformation of Aquatic Animal Biodiversity of the Aral Sea. It is not Dying – Just Transforming in Accordance with Available Water and its Salinity. 14th World Lake Conference, October 31 – November 4, 2011, Austin, Texas USA. Abstracts: 121.
107. Plotnikov I. 2011. Palaeoenvironmental Reconstruction of the Aral Sea using Ostracod Shells. 14th World Lake Conference, October 31 – November 4, 2011, Austin, Texas USA. Abstracts: 121-122.
108. Plotnikov I.S., Aladin N.V. 2011. Dynamics of free-living invertebrate fauna of the Aral Sea. In: Aquatic invertebrate biodiversity in continental water bodies. ZIN RAS: St. Petersburg. Pp. 137-156. [in Russian]
109. Aladin N.V., Diebold A., Plotnikov I.S., Keyser D., Yaschenko R.V., Aladin I.N., Maltsev V.O., Sokolova E.A., McGowan D., Gentet T. 2012. Non-stop Mega-media-project “How to Save Critical Sea” // Abstracts of the XIII International Environmental Forum “Baltic Sea Day” Thesis Collection.
110. Aladin N., Plotnikov I., Chuykov Yu. 2012. Sustainable society for the saving unique biodiversity and very rich biological resources of the Caspian Sea. In: Towards a Sustainable Society in Central Asia: An Historical Perspective on the Future. P. 75-114.
111. Aladin N., Plotnikov I., Micklin P. 2012. Twentieth anniversary (1992-2012) of the construction of the first earthen dike in the Berg’s strait of the Aral Sea (Kazakhstan). *SILnews* 61: December 2012: 5-7.
112. Plotnikov I.S., Aladin N.V., Keyser D., Ermakhanov Z.K. 2012. Transformation of Aquatic Biodiversity in the Aral Sea – It is not Dying but Transforming in Accordance with Water Availability and Salinity. In: Proceedings of International Workshop on

- “Towards a Sustainable Society In Central Asia: An Historical Perspective on the Future.” Pp. 1-26.
113. Aladin N.V., Plotnikov I.S., Ermakhanov Z.K. 2012. Water resources of the Northern Aral Sea and the way of Syr Darya River management at present. The history of the construction and operation of Kokaral dam in Berg Strait. In: Materials to International Research and Practice Conference "Urkumbaev's Readings". "Water resources and ways of their sustainable utilization in modern conditions". 2-3 November 2012. Taraz. Pp. 15-22. [in Russian]
  114. Aladin N., Plotnikov I. 2012. Restoration of the Northern Aral Sea with the help of Kokaral dike. In: International conference of Urmia Lake, challenges and solutions, Dec. 8-10, 2012.
  115. Shadrin N.V., Shulman G.E., Zaika V.E., Aladin N.V., Plotnikov I.S., Smurov A.O. 2012. Jubilee of D.Sc. in Biology, Prof. Vladislav Vilgelmovich Khlebovich. Marine Ecological Journal, 11 (4): 108-109. [in Russian]
  116. Aladin N.V., Plotnikov I.S. 2013. The concept of relativity and plurality of barrier salinity zones and forms of existence of the hydrosphere. Proceedings of Zoological Institute RAS, Supplement 3. P. 7–21. [in Russian]
  117. Ermakhanov Z.K., Plotnikov I.S., Aladin N.V. 2013. Evaluation of biological status of main commercial fish species populations in the Small Aral Sea. Proceedings of Zoological Institute RAS, Supplement 3. P. 105–112. [in Russian]
  118. Plotnikov I.S. 2013. Changes in the species composition of the Aral Sea free-living invertebrates (Metazoa) fauna. Proceedings of Zoological Institute RAS, Supplement 3. P. 41–54.
  119. Plotnikov I. S., Sidorenko V. S., Krivokhatsky V. A. Zoogeographic analysis of the Palaearctic fauna of Drosophilid flies (Diptera, Drosophilidae) with description of clusterization software for provincial faunas. Entomological Review, October 2013, Volume 93, Issue 7, pp. 831-843.
  120. Aladin N., Plotnikov I. 2013. Some articles in: Takasi Y., Takara K., Nonomura K., Haruyama S. (eds.) Encyclopedia of the World Rivers. Maruzen Co. Ltd., Tokyo, Japan. [in Japanese]
  121. Plotnikov I.S., Aladin N.V., Ermakhanov Z.K., Zhakova L.V. 2014. Chapter 3. Biological Dynamics of the Aral Sea Before Its Modern Decline (1900–1960). In: Micklin P., Aladin N., Plotnikov I. (eds.) The Aral Sea. The Devastation and Partial Rehabilitation of a Great Lake. Springer. Pp. 41-76.
  122. Plotnikov I.S., Aladin N.V., Ermakhanov Z.K., Zhakova L.V. 2014. Chapter 6. The New Aquatic Biology of the Aral Sea. In: Micklin P., Aladin N., Plotnikov I. (eds.) The Aral Sea. The Devastation and Partial Rehabilitation of a Great Lake. Springer. Pp. 137-169.
  123. Micklin P., Aladin N.V., Plotnikov I.S. 2014. Chapter 13. An Expedition to the Northern Part of the Small Aral Sea (August 29 to September 16, 2011). In: Micklin P., Aladin N., Plotnikov I. (eds.) The Aral Sea. The Devastation and Partial Rehabilitation of a Great Lake. Springer. Pp. 337-351.
  124. Plotnikov I.S., Aladin N.V. 2014. Chapter 14. The Biological Future of the Aral Sea. In: Micklin P., Aladin N., Plotnikov I. (eds.) The Aral Sea. The Devastation and Partial Rehabilitation of a Great Lake. Springer. Pp. 355-359.

09.01.2014

I. S. PLOTNIKOV