

A. TSELEPIDES

Marine Biologist
Professor University of Piraeus
Research Director HCMR

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II. General information

Name: Anastasios Tselepides

Date of Birth: December 24, 1959. Thessaloniki.

Academic titles: BSc, MSc, PhD

Professional Status: Professor Professor of the Marine Environment, Department of Maritime Studies, University of Piraeus. Former Research Director at the Hellenic Centre for Marine Research in Crete.

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and

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and Sarantaporou 74, Holargos, Athens.

Marital status: Married, two children

Employment status during the last decade:

- Professor of Marine Environment, Department of Maritime Studies, University of Piraeus (since March 2006).
- Research Director in Biological Oceanography, Institute of Oceanography, Hellenic Centre for Marine Research in Crete (2002-2006).
- Senior Researcher , Institute of Marine Biology of Crete (1994-2002).

II. Academic Background and Research Identity

Academic background

1978-1982: Aristotelion University of Thessaloniki, Macedonia, Greece. Faculty of Physics and Mathematics, Dept. of Biology. Awarded B.Sc. in Biology (July 1982, GPA 7.4). Awarded the annual government scholarship throughout this time period.

1982-1983: Graduate scholarship from the Greek Nuclear Research Commission. Biology Dept., Nuclear Research Center "Democritos" Athens, Greece. Phytoplankton Ecology Laboratory.

1983 - 1985: University of California, San Diego, U.S.A. Scripps Institution of Oceanography, graduate fellowship at the Dept. of Biological Oceanography. Awarded M.Sc. in Oceanography (December 1985).

1987 - 1992: University of Crete, Greece. Dept. of Biology. Institute of Marine Biology of Crete (IMBC). Awarded Ph.D. in Marine Biology (June 1992).

Research Experience

1982 - 1983: Graduate research assistant of the Phytoplankton Ecology Laboratory (headed by Dr. L. Ignatiades) of the Nuclear Research Center "Democritos" in Athens. Conducted research into the effects of pollution and nutrient depletion on phytoplankton populations.

1983 - 1985: Graduate research assistant of the Marine Biology Dept. at the Scripps Institution of Oceanography, San Diego, USA. Worked under the guidance of Dr. K.L. Smith, Jr. and conducted research into the ecology and feeding habits of deep-sea fish (Macrouridae). Participated in numerous oceanographic expeditions to the North Pacific and along the California coastline, while conducting research on topics dealing with energy flux to the benthos, benthic trophic relationships, distribution and abundance of deep-sea grenadiers along the Monterey continental slope.

1986 - 1992: Research Assistant at the Research Center of Crete (until 1988). Associate Researcher at the newly founded Institute of Marine Biology of Crete (1989 onwards), working under the guidance of Prof. A. Eleftheriou. Conducted research into the ecology of the bathyal ecosystem of the Aegean Sea (North Eastern Mediterranean). Involved in the NATO Science for Stability program investigating the benthic community structure and the physicochemical characteristics of the sediment and water column of the continental shelf and slope of the Aegean Sea. Other research activities included a long-term commitment aiming (in collaboration with German and Italian scientists) at investigating the Deep Sea Ecosystem of the Eastern Mediterranean Sea.

1993-2005: Senior Researcher (1994-2002) and responsible of the Oceanography Department at IMBC. Promoted to Research Director in December 2002. Coordinator and scientific responsible of the MAST II project: Pelagic-benthic coupling in the Oligotrophic Cretan Sea (CINCS, MAS2-CT 94-0092). Main partner in the MAST II project: Gas and water seepage on the continental margin (SEEP, MAS2-CT 92-0040). Main partner, scientific responsible and coordinator of the Aegean Sea benthic group in the MAST III (MTP II) project MATER. Scientific responsible and steering committee member in numerous other EU projects (ALIPOR, CYCLOPS, DESEAS, BIODEEP, INTERPOL, ADIOS, ANREC, ESONET, HERMES, ESONET-NoE) that the oceanography department played a major role in.

2006-present: Professor at the Department of Maritime Studies of the University of Piraeus and collaborating Researcher at the Hellenic Centre for Marine Research in Crete

Synoptic description of research identity

• Participation in competitive EU projects:	17
• Total number of research projects:	31
• Publications in international journals with impact factor:	70
• Publications in high impact international journals (Science, Nature, TREE, PLOS one etc.):	4
• Publications in international journals without impact factor:	8
• Publications in conference proceedings with referees:	>60
• Publications in books:	6
• Publications in conference proceedings without referees:	>40
• Final research reports:	37
• Guest editor in international journals:	4
• Editor in conference proceedings and workshops:	10
• Participation in international symposia and conferences:	>50
• Total number of citations in all the above:	> 1800
• Citations in journals with an Impact Factor (SCI)	> 1570
• Without self citations	1340
• Mean number of citations per paper	26
• Mean number of citations per year (last 5 yrs)	182
• H-index	25
• Sum of Impact factors	>140
• Mean impact factor from all papers:	2.6
• Spread of impact factor :	0.45-28
• Weighted impact factor:	>35
• Number of Phd dissertations supported:	10

- Funds attracted via research projects (in meuro, 1993-2012): > 7
- Cruise leader (number of expeditions): > 45
- Number of submersible dives (ALVIN, JAGO, THETIS): 12

IIIIII. Research Projects

1983 - 1985

Scripps Institution of Oceanography

1. Study of the ecology and feeding habits of the deep-sea fish family macrouridae.
2. Study of the megafaunal community structure of the slope megafauna in Monterey Bay.
3. Study of the benthic ecosystem of Santa Catalina basin.

1986 - 1987

Research Centre of Crete

1. Science for Stability Project

1988 - 1993

Institute of Marine Biology of Crete

1. Science for Stability, FISHECO project. Responsible for Final report.
2. Oceanographic and environmental study of Heraklion Bay.
3. Study of the potential to develop aquaculture in the Bay of Elounda.
4. MAST II (Oxic-anoxic interfaces as productive sites).
5. Study of the deep basins of the Mediterranean Sea. German Scientific Council. METEOR expeditions.

1993 – 2012 (main projects)

Senior researcher (1995-2002) and research Director (2002-2006) at the Institute of Marine Biology of Crete that evolved into the Hellenic Centre of Marine Research in Crete in 2003.

Coordinator and/or main research responsible in the following projects:

Main projects, 1993-2009						
No.	title	Source of funding	Total IMBC budget (Euro)	Budget from EU	Duration	Scientific Responsible
1	Pelagic-benthic coupling in the oligotrophic Cretan Sea (CINCS) MAS2-CT 94-0092	EU, MAST II, DG XII	920 000	460 000	1994-1996	Dr. A. Tselepides
2	Oxic/anoxic interfaces as productive sites MAS2-CT 93-0058	EU, MAST II, DG XII	231 260	115 630	1993-1995	Prof. A. Eleftheriou
3	Gas and water seepage on the Continental Margin (SEEP) MAS2-CT 92-0040	EU, MAST II, DG XII	200 000	100 000	1993-1995	Dr. A. Tselepides

4	Autonomous Lander Instrument Packages for Oceanographic Research (ALIPOR), MAS3-CT 95-0010	EU, MAST III, DG XII	400 000	200 000	1996-1999	Dr. A. Tselepides
5	Mass Transfer and Ecosystem Response (MATER) MAS3-CT 96-0051	EU, MAST III, DG XII	1 290 000	720 000	1996-1999	Dr. A. Tselepides
6	Mediterranean Models Network. Cretan Sea Ecosystem. (MFS-PP) MAS3-CT98-0171	EU, MAST III, DG XII	186 000	93 000	1998-2001	Dr. P. Drakopoulos
7	Mediterranean model networking and archiving program (MED NET) MAS3-CT 98-0189	EU, MAST III, DG XII	46 000	46 000	1999-2001	Dr. P. Drakopoulos
8	Cycling of Phosphorus in the Mediterranean (CYCLOPS) EVK3-1999-00009	EU, ENV, DG X II	416 000	208 000	2000-2003	Dr. A. Tselepides
9	Biotechnologies from the Deep (BIODEEP) EVK3-2000-22057	EU, ENV, DG X II	370 000	185 000	2000-2003	Dr. A. Tselepides
10	Atmospheric deposition and impact of pollutants, key elements and nutrients in the open Mediterranean Sea (ADIOS) EVK3-2000-00604	EU, ENV, DG X II	360 000	180 000	2000-2003	Dr. A. Tselepides
11	Impact of natural and trawling events on resuspension, dispersion and fate of pollutants (INTERPOL) EVK3-2000-00026	EU, ENV, DG X II	263 600	131 800	2000-2003	Dr. A. Tselepides
12	Pelagic benthic coupling in the Aegean Sea. The role of microzooplankton. (PLATON)	GSRT-Bilateral Greek French cooperation	5 000	5 000	1997-1998	Dr. A. Tselepides
13	Exploratory Survey to collect data of the exploited and virgin stocks of deep-sea shrimp <i>A. antennatus</i> , of interest to the CPF (DESEAS) Project no. 00/039	EU, Study project	140626	70713	2001-2001	Dr. A. Tselepides
14	Establishment of a European radar altimeter calibration and sea level monitoring site for JASON, ENVISAT and EUROGLOSS (GAVDOS)	EU, ENV, DG X II	413 258	206 500	2001-2004	Dr. P. Drakopoulos
15	Association of physical and biological processes acting on recruitment and post-recruitment of Anchovy (ANREC)	EU, ENV, DG X II	723 157	361 500	2002-2005	Dr. A. Tselepides
16	MARBEF/Deepsets	EU, ENV, DG X II	60 000		2005-2009	Dr. C. Arvanitidis

17	European Seafloor Observatory Network (ESONET) and (ESONET NoE)	EU, ENV, DG X II	300 000	132000	2003-2011	Dr. A. Tselepides
18	Biodiversity Excellence	GSRT	500 000		2002-2005	Dr. A. Tselepides/ Dr. A. Magoulas
19	LANDERS	NERC	31 500		2002	Dr. A. Tselepides
20	Benthic Mineralisation Rates	MAX PLANCK	40 800		2002	Dr. A. Tselepides
21	HERMES	EU, ENV, DG X II	750 000		2005-2009	Dr. V. Lykousis/ Dr. A. Tselepides
22	HERMIONE	EU, ENV, DG X II	280 000		2009-2012	Dr. V. Lykousis/ Dr. N. Lampadariou
23	REDECO (Marinera)	FPET	380 000		2009-2012	Dr. N. Lampadariou
24	CoML-CEDAMAR	Sloan Foundation	30 000		2005-2010	Dr. A. Tselepides
		Total in EURO	8 078 300	3 224 000		

III.1. Field work experience

Since 1982 I have participated in over 65 oceanographic expeditions and have spent a total of 6 years at sea with a variety of research vessels (PHILIA, CAYUSE, NEW HORIZON, ATLANTIS, WASHINGTON, BANNOCK, METEOR, AEGAEO, GARCIA DEL CID, URANIA). I have been the cruise leader over 45 times and have dove with submersibles (ALVIN, JAGO, THETIS) 12 times to depths exceeding 4100 m. Throughout these years I have trained numerous students in using deep-sea sampling gear and equipment. I have tried to teach them that it is only through hard and continuous work, in both the field and in the laboratory, in conjunction with a solid theoretical background that we will be able to enhance our understanding of how deep-sea ecosystems function.

III.2. Main scientific interests, geographical areas of experience and type of data

- deep-sea research
- productivity of marine ecosystems
- influence of aeolian transfers (including Sahara dust) on the functioning of the Med. Sea
- climate change and its impact on the marine environment
- structure and function of oligotrophic ecosystems
- determination and quantification of the various modes of energy flux to the benthic communities in the oligotrophic E. Mediterranean Sea
- benthic response to organic falls
- pelagic-benthic coupling mechanisms
- benthic community structure, diversity and energetic requirements

- vertical, seasonal and interannual variability in the chemical structure of the water-column in stratified oligotrophic pelagic ecosystems
- development of deep-sea technology platforms
- main geographical areas of experience are the Mediterranean Sea and to a lesser extent the Pacific and Atlantic Oceans
 - type of data collected include : marine aspects of biology, ecology, physical/chemical oceanography, coastal environment and deep-sea
 - integrated management of the marine environment

IV. Administrative Experience

- One of the main scientists involved in the building up of IMBC (1987-2003)
- Leader of the Oceanography Dept. of IMBC and HCMR-Crete from 1993 to 2006
- Founding member of the Hellenic Reserachers Association (1997-98) and member of its first scientific council
- Coordinator and steering committee member of several EU projects (1993-2011): Mediterranean Targeted Projects I (CINCS) and II (MATER), SEEPS, ALIPOR, ADIOS, CYCLOPS, BIODEEP, INTERPOL, DESEAS, ANREC, ESONET
- Chief scientist and cruise leader in > 45 oceanographic cruises (since 1983)
- EU evaluator and reviewer since 1993. Independent observer in 1997, 2009 and 2010 (expert-evaluateur, DGXII-AG, EE19981A04064)
- Member of the EU consultation committees during the 4th and 7th FP
- National evaluator since 1994 and member of the GSRT consultation committee for marine research
- National delegate (substitute to Prof. A. Eleftheriou, 1994-96) to the EU, MAST-COM
- Referee in international journals (PIO, MEPS, Oceanol. Acta, Scientia Marina etc.)
- President of the Scientific Council of IMBC (1998-2003) during its impressive growing phase (aquarium, new science buildings, acquisition of deep ROV etc)
- IMBC, Acting Director appointed by the GSRT for a short period (May-June 2003)
- Member of the advisory group responsible for drafting the report regarding the state of the marine environment of Cyprus in 2008 (Ministry of Environment of Cyprus)
- Member of the Graduate Programme Steering Committee at the Dept. of Maritme Studies (2008-2010)
- Member of the Steering Committee of CEDAMAR (Census for Marine Life), 2005-2010.
- Member of the Advisory Committee of COMARGE (Census for Marine Life), 2005-2010.
- Member of the Marine Observation and Data Expert Group of DG MARE since 2008-2010 (EMODNET).
- Responsible or scientific committee member for the organisation of 10 International Conferences and Symposia:
 1. 7th Deep Sea Biology Symposium, 1994, Heraklion, Crete
 2. 2nd MTP I workshop, 1996, Heraklion Crete
 3. MAST conference devoted to the “ Progress in the Oceanography of the Mediterranean Sea”, 1997, Rome
 4. 1st MTP II workshop, 1998, Rhodos, Greece
 5. 32nd International Liege Colloquium on Ocean Hydrodynamics (May 8-12, 2000). Exchange Processes at the Ocean Margins.

6. Chemistry and Biology of Marine Organisms (Sept. 21-26, 2003). Kolympari, Crete. International Symposium
7. Sustainable development of the marine ecosystem in the E. Mediterranean and Black Seas. Thessaloniki, May 29 to June 1, 2003. International Symposium sponsored by the EU and the Greek Ministry of Development
8. 10th Deep-Sea Biology Symposium. Goos Bay, Oregon, Aug. 25-30, 2003
9. CIESM workshop. Exploring Mediterranean deep-sea biology. Heraklion, July 2-5, 2003.
10. Coccolithophores 2003. International nanoplankton association workshop on extant coccolithophorid research. Oct 2003, Heraklion, Crete.

Membership of Professional Bodies, Scientific and Administrative Committees

- American Society for Limnology and Oceanography (ASLO)
- Member of the Greek Researchers Association
- Member of the steering committee of the Greek Oceanographic Association 2007-2009
- Member of the European Federation for Marine Science (EFMS) and national delegate from 2007-2009
- ECOPS/ESF working group
- CIESM working group in Deep-Sea Biology

V. Public outreach experience

The last 20 years more than 40 articles and interviews devoted to the main results of our research have been published by some of the most prestigious newspapers (NEA, BHMA, ELEFTHEROTYPIA etc.) in Greece. The European press and television (La Recherche, FOCUS, BBC, National Geographic channel etc.) has also devoted several exclusive articles to the Mediterranean Targeted Projects and their most important findings.

The Hellenic Educational Television broadcasted a series of documentaries ("The champions of Science) emphasizing the importance of oceanographic research and the accomplishments of the Institute of Marine Biology in Crete.

VI. Teaching Experience

1988-1992

Participation in teaching Invertebrate Zoology and Marine Ecology with Professor A. Eleftheriou at the University of Crete. Partially responsible for the teaching of Deep-Sea Biology with Professor B. Nafpaktitis at the same University.

1991 και 1992

Responsible for the teaching of Chemical Oceanography, as well as Pelagic and Benthic Ecology to unemployed university graduates. Project funded by the EU. Title: Integrated management of marine environmental problems.

1994-2004

Responsible for the teaching of Biological Oceanography, Marine Ecology and Deep-Sea

Biology to both the undergraduate and graduate students of the Biology Department of the University of Crete. Responsible in training graduate students in Deep-Sea Biology within the framework of the graduate programme (“management of terrestrial and marine biological resources”) of the Biology Department of the University of Crete.

1999-2007

Partially responsible for teaching the course “Dynamics and Productivity of Marine Communities” at the Biology Department of the Aristoteleion University of Thessaloniki.

2005-2012

Responsible for teaching several courses (Marine Ecology, Research Methods, Special advanced topics in the protection of the marine environment, Sustainable use of marine resources etc.) at both undergraduate and graduate level at the Department of Maritime Studies of the University of Piraeus. Since 2008 I have been appointed to teach Deep-Sea Ecology to the graduate oceanography students of the University of Athens.

I have participated in the teaching of marine environmental courses at the Department of Biology in Crete since 1987 and at the Department of Biology in Thessaloniki since 1999. I also occasionally teach Deep-Sea Ecology at the University of the Aegean in Mitilene. During several occasions I have been invited to teach in Universities and Research Centres abroad (UCSD, Univ. of Washington, Woods-Hole MBL, Univ. of Aberdeen, Univ. of Ancona, World Maritime University in Malmoe, CSIC Barcelona, Univ. of Oldenburg etc.).

The topics of my lectures and the courses that I usually teach are:

1. marine biology and ecology
2. biological oceanography
3. deep-sea biology and ecology of the Mediterranean Sea
4. energy flow and function of marine ecosystems
5. invertebrate zoology
6. advanced ichthyology
7. ecology and management of marine ecosystems

The diversity of courses that I took as a graduate student primarily at Scripps, at “Democritos” in Athens (Hellenic Nuclear Research Commission) and the University of Crete, as well as the experience gained after 27 years in research allow me to approach various research topics from a global perspective.

I am grateful to several of my teachers that have inspired me in many ways. The most important are mentioned below:

- A. Eleftheriou (marine ecology)
- J. McGowan, M. Mullin, R. Eppley (marine communities and biological oceanography)
- P. Dayton, A. Eleftheriou (marine biology and ecology)
- R. Rosenblatt (ichthyology)
- G. Somero (biochemical adaptations of marine organisms)
- F. Azam (microbial ecology)
- K. Smith, R. Hessler, A. Yayanos (deep-sea ecology)
- M. Hendershott, J. Reid (physical oceanography)
- J. M. Gieskes, E. Goldberg (chemical oceanography)
- W. H. Berger (geological oceanography)
- W. Heiligenberg (animal behaviour)

- T. H. Bullock (scientific communication)
- W. A. Newman, R. Hessler, N. Holland (advanced invertebrate zoology)
- W. A. Newman, R. Hessler (evolution of marine arthropods)
- B. Nafpaktitis (comparative ichthyology)

Invitations to attend international and national conferences

I have repeatedly been invited as a main speaker in conferences and workshops organized by the EU (DGXII) as well as from many Universities and Research Institutes (Univ. of Thessaloniki, the former National Centre for Marine Research in Athens, Woods Hole-MBL, Univ. of Ancona and Genova, IFM-GEOMAR, Univ. of Barcelona, Southampton Oceanography Centre-SOC, Univ. of Oregon, Friday Harbor etc.). Since 1993 I have always participated in major EU conferences (EUROCEAN, MAST-DAYS, EUROMAR, ESF etc.) as an invited speaker and have been a member of several think tank initiatives aiming at influencing future EU research frameworks towards the marine environment.

IX. Publications and Research Articles

The publications mentioned below are the outcome of very hard work from a group of scientists that have devoted a major portion of their life to marine research. The main question posed from the beginning of our efforts was - how does the marine ecosystem of the E. Mediterranean function and what are its main characteristics. We thus attempted to answer some basic questions in order to try to solve the puzzle. These were:

1. What is the primary and bacterial production in the Aegean and the E. Mediterranean? (papers: 11, 18, 20, 35, 43, 44, 45, 52, 53, 54, 59, 66)
2. What is the hydrological structure of the Aegean Sea and does it affect the distribution of nutrients, organic matter and fisheries? (papers: 15, 24, 29, 30, 65, 73)
3. What is the quality and quantity of organic matter flux to the sea bottom? (papers: 1, 2, 10, 11, 17, 19, 21, 26, 29, 40, 63, 67, 77)
4. What is the diversity of the various benthic components? (papers: 1, 2, 3, 4, 16, 22, 23, 31, 32, 33, 36, 37, 39, 40, 42, 48, 56, 57, 78, 79)
5. How are species distributed bathymetrically; (papers: 1, 2, 3, 5, 12, 13, 16, 23, 38, 37, 39, 60, 64, 69, 72, 75)
6. What is the chemical structure and microbial activity and diversity of deep-sea sediments? (papers: 5, 7, 8, 17, 24, 25, 33, 35, 41, 46, 47, 49, 50, 51, 58, 61, 70, 71, 76, 81)
7. How do atmospheric inputs influence the productivity of marine ecosystems? (papers: 27, 68, 74)
8. Which organisms succeed in surviving in the deepest parts of the Mediterranean, trophic habits, physiology? (papers: 12, 13, 22, 32, 34, 38, 39, 40, 42, 43, 44, 45, 55)
9. Is there pelagic-benthic coupling in the deep Mediterranean or not? (papers: 6, 9, 11, 14, 26, 28, 39, 69)
10. Can we detect the influence of climate change in deep-sea ecosystems? (papers: 28, 30, 31, 80)
11. What is the impact of fisheries on the structure of benthic ecosystems? (papers: 35, 36, 37, 40, 46, 47, 48)
12. How to develop, construct and deploy benthic platforms in the deep sea. (paper 62)

During the last 20 years we attempted to answer important questions by gathering valuable base-line data that are now used to run, calibrate or verify newly developed ecological models. We succeeded in developing our own technology platforms and were thus able to approach even the most remote environments of the Mediterranean Sea. We also succeeded in establishing a time series of material flux data by monitoring the Cretan Sea. In the near future this will enable us to better understand the influence and consequences of climate change in the E. Mediterranean.

IX.1. Publications

1. **Tselepides A.** (1992). Ecological study of the bathyal ecosystem of the Aegean Sea. Univ. of Crete, Phd Thesis, pp. 266.
2. **Tselepides, A.** & Eleftheriou, A. (1992). South Aegean (Eastern Mediterranean) continental slope benthos: macroinfaunal-environmental relationships. In *Deep-Sea Food Chains and the Global Carbon Cycle*, pp.139-156. Ed. G.T. Rowe & V. Pariente. Kluwer Academic Publ., Netherlands.
3. Eleftheriou A., Smith C. & **Tselepides A., eds.** (1993). Food Chains in the Aegean Sea. NATO Science for Stability Programme, FISHECO project, Institute of Marine Biology of Crete, 99 p.
4. Papadopoulou K. & **Tselepides A.** (1994). Meiobenthos.- In: Heike W., Halbach P., Türkay M. & Weikert H. (eds.): *Mittelmeer 1993*, cruise no. 25, 12 May – 20 Aug. 1993. – METEOR Berichte, Univ. Hamburg, 94-3: 49-60.
5. Danovaro, R., Della Croce, N., Eleftheriou, A., Fabiano, M., Papadopoulou, N., Smith, N. and **A. Tselepides.** 1995. Meiofauna of the deep Eastern Mediterranean Sea: distribution and abundance in relation to bacterial biomass, organic matter composition and other environmental factors. *Prog. Oceanog.* Vol. 36, 329-341. (**If=2.8**).
6. **Tselepides, A.**, Psarra, S., Christaki, U., Duineveld, G., Niewland, G., Danovaro, R., Chronis, G. and V. Lykoussis (1996). Does pelagic-benthic coupling occur in the oligotrophic Cretan Sea (NE Mediterranean)? *Eos Trans. AGU*, 77 (3), Ocean Sciences Meet. Suppl., OS 93.
7. Boetius A., Scheibe S., **Tselepides A.** and H. Thiel (1996). Microbial biomass and activities in deep-sea sediments of the Eastern Mediterranean Sea: unusual accumulations in abyssal trenches. *Deep-Sea Res.*, vol. 42, No. 9, pp. 1439-1460. (**If=1.97**)
8. Della Croce, N., Danovaro, R., Fabiano, M., Albertelli, G. and **A. Tselepides** (1996). Benthic bacteria and seasonal changes of organic input in the deep-sea sediments of the Cretan Sea: preliminary results. *Journal de Recherche Oceanographique*, vol 21, no 1 and 2, 21-28.
9. **Tselepides A.**, Chronis G., de Wilde P., Duineveld G., Rice A., Bett B., Wassman P., Della Croce N., Danovaro R. and A. Eleftheriou (1997). Pelagic-benthic coupling in the oligotrophic Cretan Sea. In: *Interdisciplinary Research in the Mediterranean Sea. A synthesis of scientific results from the Mediterranean targeted project (MTP) phase I (1993-96)*, E. Lipiatou (ed.). Research in enclosed seas series – 1, pp. 253-296.
10. Danovaro R., Dinet A., Duineveld G., & **Tselepides A.** (1999). Benthic response to particulate fluxes in different trophic environments: a comparison between the Gulf of Lions-Catalan Sea (western – Mediterranean) and the Cretan Sea (eastern-Mediterranean). *Prog. Oceanog.*, vol. 44, (1-3), 287-312. (**If=1.74**)
11. Turley C. M., Bianchi M., Christaki U., Conan P., Harris J. R. W., Psarra S., Ruddy G., Stutt E. D., **Tselepides A.** and Van Wambeke F. (2000). Relationship between primary producers and bacteria in an oligotrophic sea-the Mediterranean and biogeochemical implications. *Marine Ecol. Prog. Series*, 193, 11-18. (**If=1.93**).
12. Koutsoubas D., **Tselepides A.** & Eleftheriou A. (2000). Deep Sea Molluscan Fauna of the Cretan Sea (E. Mediterranean): Faunal, Ecological and Zoogeographical Remarks. *Senckenbergiana Maritima*, 30, 3/6,

85-98.

13. Koukouras A., Kitsos M.-S. & **Tselepides A.** (2000). The genera *Chaecon* Manning & Holthuis and *Geryon* Kroyer (Decapoda, Geryonidae) in the Eastern Mediterranean. *Crustaceana*, 73 (1), 107-113. **(If=0.45)**
14. **Tselepides A.** & Polychronaki T. (2000). The CINCS project: Introduction. In: "Pelagic-benthic Coupling in the Oligotrophic Cretan Sea". *Progress in Oceanography*, 46 (2-4), 85-88. **(If=1.74)**
15. **Tselepides A.**, Zervakis V., Polychronaki T., Danovaro R. & Chronis G. (2000). Distribution of nutrients and POM in relation to the prevailing hydrographic features of the Cretan Sea (NE Mediterranean). *Prog. Oceanog.*, vol. 46, (2-4), 113-142. **(If=1.74)**
16. **Tselepides A.**, Papadopoulou N., Podaras D., Plaiti W. & Koutsoubas D. (2000). Macrobenthic community structure over the continental margin of Crete (South Aegean Sea, NE Mediterranean). *Prog. Oceanog.*, vol. 46, (2-4), 401-428. **(If=1.74)**
17. **Tselepides A.**, Polychronaki T., Marrale D., Akoumianaki I., Dell' Anno A., Pusceddu A. & Danovaro R. (2000). Organic matter composition of the continental shelf and bathyal sediments of the Cretan Sea (NE Mediterranean). *Prog. Oceanog.*, vol. 46, (2-4), 311-344. **(If=1.74)**
18. Psarra S., **Tselepides A.** and Ignatiades L. (2000). Primary productivity in the oligotrophic Aegean Sea (NE Mediterranean): seasonal and interannual variability. *Prog. Oceanog.*, vol. 46, (2-4), 187-204. **(If=1.74)**
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IX.2. Selection of papers, abstracts and presentations in conference and symposium proceedings

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IX.3. Guest Editor

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