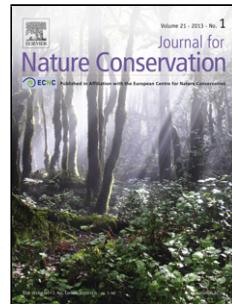


# Accepted Manuscript

Title: Assessing, quantifying and valuing the ecosystem services of coastal lagoons

Authors: Alice Newton, Ana C. Brito, John D. Icely, Valérie Derolez, Inês Clara, Stewart Angus, Gerald Schernewski, Miguel Inácio, Ana I. Lillebø, Ana Isabel Sousa, Béchir Béjaoui, Cosimo Solidoro, Marko Tasic, Miguel Cañedo-Argüelles, Masumi Yamamuro, Sofia Reizopoulou, Hsiao-Chun Tseng, Canu Donata, Leonilde Roselli, Mohamed Maanan, Sónia Cristina, Ana Carolina Ruiz-Fernández, Ricardo Lima, Björn Kjerfve, Nadia Rubio-Cisneros, Angel Pérez-Ruzafa, Concepción Marcos, Roberto Pastres, Fabio Pranovi, Maria Snoussi, Jane Turpie, Yurii Tuchkovenko, Brenda Dyack, Justin Brookes, Ramunas Povilanskas, Valeriy Khokhlov



PII: S1617-1381(17)30137-1

DOI: <https://doi.org/10.1016/j.jnc.2018.02.009>

Reference: JNC 25625

To appear in:

Received date: 13-3-2017

Please cite this article as: Newton A, Brito AC, Icely JD, Derolez V, Clara I, Angus S, Schernewski G, Inácio M, Lillebø AI, Sousa AI, Béjaoui B, Solidoro C, Tasic M, Cañedo-Argüelles M, Yamamuro M, Reizopoulou S, Tseng H-C, Donata C, Roselli L, Maanan M, Cristina S, Ruiz-Fernández AC, Lima R, Kjerfve B, Rubio-Cisneros N, Pérez-Ruzafa A, Marcos C, Pastres R, Pranovi F, Snoussi M, Turpie J, Tuchkovenko Y, Dyack B, Brookes J, Povilanskas R, Khokhlov V, Assessing, quantifying and valuing the ecosystem services of coastal lagoons, *Journal for Nature Conservation* (2010), <https://doi.org/10.1016/j.jnc.2018.02.009>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Assessing, quantifying and valuing the ecosystem services of coastal lagoons

Alice Newton<sup>1,2</sup>, Ana C. Brito<sup>3</sup>, John D.Icely<sup>2,19</sup>, Valérie Derolez<sup>4</sup>, Inês Clara<sup>3</sup>, Stewart Angus<sup>5</sup>, Gerald Schernewski<sup>6</sup>, Miguel Inácio<sup>6,7</sup>, Ana I. Lillebø<sup>8</sup>, Ana Isabel Sousa<sup>8</sup>, Béchir Béjaoui<sup>9</sup>, Cosimo Solidoro<sup>10</sup>, Marko Tasic<sup>11</sup>, Miguel Cañedo-Argüelles<sup>12,13</sup>, Masumi Yamamuro<sup>14</sup>, Sofia Reizopoulou<sup>15</sup>, Hsiao-Chun Tseng<sup>16</sup>, Canu Donata<sup>10</sup>, Leonilde Roselli<sup>17</sup>, Mohamed Maanan<sup>18</sup>, Sónia Cristina<sup>2,19</sup>, Ana Carolina Ruiz-Fernández<sup>20</sup>, Ricardo Lima<sup>21</sup>, Björn Kjerfve<sup>22</sup>, Nadia Rubio-Cisneros<sup>23</sup>, Angel Pérez-Ruzafa<sup>24</sup>, Concepción Marcos<sup>24</sup>, Roberto Pastres<sup>25</sup>, Fabio Pranovi<sup>25</sup>, Maria Snoussi<sup>26</sup>, Jane Turpie<sup>27</sup>, Yurii Tuchkovenko<sup>28</sup>, Brenda Dyack<sup>29</sup>, Justin Brookes<sup>30</sup>, Ramunas Povilanskas<sup>7</sup>, Valeriy Khokhlov<sup>31</sup>

1. NILU-IMPACT, Box 100, 2027 Kjeller, Norway. Corresponding author: an@nilu.no
2. CIMA - Centro de Investigação Marinha e Ambiental, Universidade do Algarve, Campus de Gambelas , 8005-139 Faro, Portugal. Corresponding author: anewton@ualg.pt
3. Departamento de Biología Vegetal, Faculdade de Ciências, Universidade de Lisboa, Campo Grande, 1749-016 Lisboa, Portugal, and MARE - Centro de Ciências do Mar e do Ambiente, Faculdade de Ciências, Universidade de Lisboa, 1749-016 Lisboa, Portugal
4. Ifremer – Laboratoire Environnement Ressources du Languedoc-Roussillon / MARBEC, Avenue Jean Monnet – CS 30171 - 34203 Sète cedex, France
5. Scottish Natural Heritage, Great Glen House, Leachkin Road, Inverness IV3 8NW, United Kingdom
6. Leibniz-Institute for Baltic Sea Research (IOW), Seestrasse 15, D-18119 Rostock, Germany
7. Klaipėda University, Herkaus Manto str., LT-92294, Klaipėda, Lithuania
8. Department of Biology & CESAM – Centre for Environmental and Marine Studies, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal
9. Laboratoire Milieu Marin, Tunisie, Institut National des Sciences et Technologie de la Mer (INSTM), 28, rue 2 mars 1934, Carthage Salammbô 2025, Tunisie.
10. Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – OGS, Borgo Grotta Gigante 42/c Sgonico, Italy.
11. EAFIT University, School of Sciences, Department of Earth Sciences, Carrera 49 #7S-50, A.A.3300, Medellín, Colombia
12. Grup de Recerca Freshwater Ecology and Management (FEM), Departament d'Ecologia, Facultat de Biología, Universitat de Barcelona (UB), Diagonal 643, 08028 Barcelona, Catalonia, Spain.
13. Aquatic Ecology Group, BETA Tecno Centre, University of Vic, Central University of Catalonia, Vic, Catalonia, Spain.
14. Graduate School of Frontier Sciences, The University of Tokyo Environment Bldg 562, 5-1-5 Kashiwanoha, Kashiwa 277-8563, Japan
15. Hellenic Centre for Marine Research, Institute of Oceanography, Anavyssos 19013, Attiki, Greece
16. UNESCO UNITWIN/WiCop. Physical Chemistry Department. Faculty of Marine and Environmental Sciences. Polígono río San Pedro s/n, University of Cadiz, 11519 Puerto Real, Cadiz, Spain
17. Environmental Protection Agency of Puglia Region, Department of Lecce 73100 Lecce, Italy
18. Laboratory of Littoral, Environment, Remote Sensing and Geomatic – Institute of Geography and Planning – University Nantes, France
19. Sagremarsico, Apt 21, 8650-999 Vila do Bispo, Portugal
20. Unidad Académica Mazatlán, Instituto de Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México, Mazatlán, Sinaloa, Mexico
21. Ce3C – Centre for Ecology, Evolution and Environmental Changes, Faculdade de Ciências, Universidade de Lisboa, Campo Grande, 1749-016, Lisboa, Portugal.
22. American University of Sharjah, University City, Sharjah, United Arab Emirates
23. Centro de Investigación y de Estudios Avanzados (CINVESTAV), Unidad Mérida km 6 Antigua carretera a Progreso Apdo. 73, Cordemex, 97310, Mérida, Yucatán, Mexico.
24. Department of Ecology and Hydrology, University of Murcia, 30100 Murcia, Spain.
25. Ca' Foscari University of Venice, Campus Scientifico, via Torino 155, Venice, 30170 –Italy
26. Université Mohammed V, Faculté des Sciences, Rabat, Morocco.

Download English Version:

<https://daneshyari.com/en/article/8849242>

Download Persian Version:

<https://daneshyari.com/article/8849242>

[Daneshyari.com](https://daneshyari.com)