

CURRICULUM VITAE**1. Personal Details**

Name: Andrea Ghermandi

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Electronic Address: aghermand@univ.haifa.ac.il**Notes:** * marks items added since promotion to Associate Professor in April 2019.**2. Higher Education****Undergraduate and Graduate Studies**

Period of	Name of Institution and Department	Degree
1996–2003	University of Trento, Italy Faculty of Civil and Environmental Engineering	Master of Environmental Engineering
2004	Catholic University of Leuven and the Free University of Brussels, Belgium	M.Sc. in Water Resources Engineering
2004–2008	Cà Foscari University of Venice, Italy School for Advanced Studies in Venice Foundation	Ph.D. in Analysis and Governance of Sustainable Development (Doctor Europaeus)

Post-Doctoral Studies

Period of Study	Name of Institution and Department	Name of Host
2008–2011	Cà Foscari University of Venice, Italy Department of Economics	Dr. Paulo Nunes
2008–2013	Ben-Gurion University of the Negev, Israel Department of Desalination and Water	Dr. Rami Messalem
2012	The Hebrew University of Jerusalem, Israel Department of Agricultural Economics and Management	Dr. Iddo Kan

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
October 2009- September 2010	University of Urbino, Italy Faculty of Science and Technology	Contract professor in Economic Valuation of Environmental Resources
Since October 2010	University of Haifa, Natural Resources and Environmental Research Center	Associate Researcher
2012–2013	Universitat Autònoma de Barcelona, Spain, Institute of Environmental Science and Technology	Associate Researcher
2011–2013	University of Haifa Department of Natural Resources and Environmental Management (NREM)	Lecturer (part-time 50%)
2013–2016		Lecturer (full-time 100%)
2016–2019		Senior Lecturer (tenured)
* Since 2019		Associate Professor

4. Offices in Academic Administration

Years	Name of Institution and Department	Role
2013–2017	University of Haifa Faculty of Management	Founder and academic head of MBA program with specialization in Sustainability
Since 2016	University of Haifa, Natural Resources and Environmental Research Center	Member of Executive Committee
Since 2017	University of Haifa, Department of Natural Resources and Environmental Management	Head of Departmental M.A. Committee
Since 2017	University of Haifa, Department of Natural Resources and Environmental Management	Member of Departmental Ph.D. Committee
Since 2018	University of Haifa, Faculty of Management	Member of Research Forum
Since 2018	University of Haifa, Department of Natural Resources and Environmental Management	Head of Department
* Since 2019	University of Haifa, Natural Resources and Environmental Research Center	Director

5. Scholarly Positions and Activities outside the University

Professional Consulting

- 2007–2011 Consultant and associate researcher at Eni Enrico Mattei Foundation and FEEM Servizi s.r.l., Italy on scaling up ecosystem services values and investigating the social dimension of biodiversity policies
- 2009–2011 Consultant at Conservation International Foundation, Washington DC on valuing coastal and marine ecosystems for tourism and recreation
- 2014 Consultant for WWF International on understanding and valuing the marine ecosystem services of the Northern Mozambique Channel
- 2015 Consultant for the University of the West Indies, Trinidad and Tobago on mapping ecosystem service values in Trinidad and Tobago

Other Positions

- 2009–2010 Researcher at Euro-Mediterranean Center for Climate Change (CMCC), Italy on the assessment of methods to combat desertification
- 2010–2011 Contributor to the Environmental Valuation Reference Inventory

Membership in Journal Editorial Boards

Since 2017 PeerJ (IF (2018)=2.353; R27/69 (Q2) in Multidisciplinary Sciences)

Reviewing for Refereed Journals (alphabetic order)

Applied Geography, Bioresource Technology, Desalination, Desalination and Water Treatment, Ecological Economics, Ecological Engineering, Economic Analysis and Policy, Ecosystem Services, Environmental and Resource Economics, Environment Development and Sustainability, Environmental Management, Environmental Monitoring and Assessment, Environmental Science and Technology, Journal of Environmental Management, Journal of Membrane Science, Land Degradation and Development, Landscape and Urban Planning, Review of Environmental Economics and Policy, Science of the Total Environment, Trends in Ecology and Evolution.

Reviewing for Fund Agencies

- 2017 Invited expert for European Commission Horizon 2020 proposals
- 2019 Invited referee for AXA Research Fund
- 2019 Invited referee for Research Grants Council of Hong Kong

6. Research Grants

Grants Awarded

Role	Other Researchers	Topic	Funded by (C=Competitive Fund)	Budget and Duration	Year
Co-PI	P. Nunes (PI), FEEM; L. Brander (PI) Vrije Universiteit Amsterdam	Scaling up ecosystem services: methodology, applicability and a case-study of wetland valuation	European Environment Agency (EEA)	30,000 EUR; 6 months	2007
Co-PI	P. Nunes (PI), FEEM; M. Rayment (PI), GHK Consulting, UK; M. Lago (PI), Ecologic, Germany; P. ten Brink (PI), IEEP	Characterize the social dimension of biodiversity policy in EU and worldwide	EU DG Environment	100,000 EUR; 8 months	2009
Co-PI	R. Messalem (PI), Ben-Gurion University; R. Offenbach (Co-PI) Central & Northern Arava R&D; S. Naoum (Co-PI) NCARE, Jordan; J. Safi (Co-PI) EPRI, Gaza	Solar-powered desalination of brackish water with nanofiltration membranes for intensive agricultural use in Jordan and Israel	USAID Middle East Regional Cooperation (MERC) Program	447,000 USD; 3 years	2014
Co-PI	M. Housh (PI); A. Brook (PI); A. Shaviv (Co-PI); D. Katz (Co-PI)	An integrated modeling framework for real-time irrigation scheduling: the benefit of imaging spectroscopy and weather forecasts	Water Authority	342,000 ILS; 3 years	2014
PI	Sabu Joseph (PI), University of Kerala, India	Ecosystem service assessment and mapping for sustainable management of wetlands in Kerala, India	Joint UGC-ISF Research Grant (C)	266,000 USD; 3 years	2017
PI	D. Katz (PI)	Using social media to evaluate recreation activities in the Kishon river basin	Kishon River Authority	10,000 ILS; 1 year	2017
PI	O. Mokryn (PI)	Spectral signatures of nature-based geo-tagged tweets in India	Faculty of Management, Research Forum	13,000 ILS	2018

7. Teaching

Courses Taught in Recent Years

Year	Name of Course	Type of Course	Level	Number of Students
2010	Economic valuation of environmental resources	Mandatory; frontal	M.A.	20
Since 2012	Climate change impacts and adaptation	Mandatory; frontal	M.A. and M.B.A.	20
Since 2012	Non-conventional water resources	Elective; frontal	M.A.	5–15
2013	Sustainability, Cleantech and Business	Elective; frontal	M.B.A.	25
Since 2013	Water and wastewater treatment	Elective; frontal	M.A.	5–15
Since 2013	Principles of Sustainability	Mandatory; frontal	M.B.A.	15–20
2014–2016	Green technologies, sustainability and the environment in Israel	Elective; frontal	B.A.	5
2013-2016	Sustainability, Cleantech and Business	Mandatory; seminar	M.B.A.	15–20
Since 2013	Applied Project	Mandatory	M.B.A.	15–20
Since 2018	Environmental Economics	Mandatory; frontal	M.A.	20

Supervision of Graduate Students

a) Post-doctoral students

Name of Student	Other supervisors	Topic of Research	Date of Completion
1. Devender S. Dhanda	None	Using social media to assess, map and value ecosystem services in India	2018

b) Ph.D. students

Name of Student	Other supervisors	Title of Thesis	Degree	Date of Completion
1. Stanley Rubenstein	Prof. M. Shechter	Employment and Israel's Green Economy	PhD	In progress

2. Shoshi Ofek	Prof. B. Portnov	Green construction in Israel: understanding the concept by main players and analysis of the factors affecting the size of agreeable green premium	PhD	In progress (proposal approved)
3. Michael Sinclair		Application of social media for the assessment and valuation of ecosystem services	PhD	In progress (proposal approved)
4. Amir Cahn	Dr. D. Katz	Investigating the Impact of the Data-as-a-Service Model on Urban Sewershed Management	PhD	In progress (proposal approved)
5. Niva Tadmor	Prof. D. Chernov	Models for sustainable optimization of marine seaweed protein production and consumer readiness to adopt this novel protein source	PhD	In progress (statement of purpose approved)

c) Master students with thesis

Name of Student	Other supervisors	Title of Thesis	Degree	Date of Completion
1. Susanna von Sydow, U. of York	Dr. J. Barron	The value of ecosystem services from the Kilombero wetland in Tanzania	MSc	2013
2. Lior Singer, Ben-Gurion University	Prof. A. Brenner, Dr. R. Messalem	Solar desalination of brackish water for agricultural purposes using nanofiltration membranes	Meng	2014
3. Zoya Zilberfarb	Dr. R. Palatnik	Public acceptance of greywater reuse in Maalot-Tarshiha	MA	2015
4. Ariel Akron, Tel Aviv University	Prof. T. Dayan	Economic valuation of ecosystem services in the Kinneret Basin	MSc	2017
5. Amir Cahn	Dr. D. Katz	Understanding Israeli customer preferences for real-time water feedback technology	MA	2017
6. Michael Sinclair	Dr. Sheela A.M.	Using geotagged photos from social media to evaluate cultural ecosystem services in Kerala's wetlands, India	MA	2017
7. Bayan Lahiani	Prof. A. Haim	Management of water and wastewater in Druze villages in Israel	MA	2018

PUBLICATIONS

A. Ph.D. Dissertation

Title: Ecological engineering as a tool for sustainable development in water resources management
Date: 14.04.2008
Pages: 136
Language: English
University: Cà Foscari University of Venice, IUAV University of Venice, School for Advanced Studies Foundation in Venice, Italy
Supervisors: Prof. Pietro Traverso and Dr. Paulo A.L.D. Nunes
Publications: D2, D3, D4, D9, F3, F4, F5, F6, F7, F8, H1, H2

Number of citations and *h*-index

Web of Science, Core collection	Citations = 1164 (excluding self-citations) <i>h</i> -index = 14
Scopus	Citations = 1434 (excluding self-citations) <i>h</i> -index = 17
Google Scholar	Citations = 2638 <i>h</i> -index = 21

Notes to the list of publications:

For joint publications, the order of the listed authors appears according to their relative contribution unless otherwise specified.

IF = Impact Factor (JCR, year of publication or earliest available);

R = Ranking in specified category (JCR, year of publication or earliest available);

SJR = Scientific Journal Ranking (SCImago Journal & Country Rank, year of publication or earliest available);

= Student

B. Scientific Books (Refereed)

Authored Books - Published

None

Edited Books and Special Journal Issues - Published

1. Nunes, P.A.L.D., A. Ghermandi (eds.) (2013) Special Issue on "The Economics and Management of Coastal and Marine Ecosystems", *Environmental and Resource Economics* 56.

IF (2013)=1.703; R=65/333 (Q1) in Economics, 29/98 (Q2) in Environmental Studies

C. Monographs

Published

1. Nunes, P.A.L.D., **A. Ghermandi**, L. Onofri (2014) Guidance Manual on Valuation and Accounting of Ecosystem Services for Small Island Developing States (SIDS), Valuation & Accounting of Natural Capital for Green Economy (VANTAGE) series, United Nations Environment Program (UNEP), Nairobi, Kenya, 128 pp.

D. Articles in Refereed Journals

Published

1. **Ghermandi, A.**, D. Bixio, C. Thoeve, G. De Gueldre (2005) Technical- economical evaluation of the operation of oxidation ditches. *Water Science and Technology* **52**(12):133–9.
IF (2005)=0.875; R=19/37 (Q3) in Engineering, Environmental, 96/140 (Q3) in Environmental Sciences, 29/57 (Q3) in Water Resources
2. Traverso, P., D. Zanchettin, **A. Ghermandi**, F. Buseti, S. Badoer (2007) Seasonal variability of SVI in the secondary sedimenter of an Italian WWTP. *Chemical Engineering Transactions* 11:217–21.
SJR (2010)=0.217; R=166/410 (Q2) in Chemical Engineering (miscellaneous). [2010 is the earliest year this journal/book series is ranked in SJR]
3. **Ghermandi, A.**, D. Bixio, P. Traverso, I. Cersosimo, C. Thoeve (2007) The removal of pathogens in constructed wetlands and its implications for water reuse. *Water Science and Technology* **56**(3):207–16.
IF (2007)=1.240; R=15/37 (Q2) in Engineering, Environmental, 84/160 (Q3) in Environmental Sciences, 19/59 (Q2) in Water Resources
4. **Ghermandi, A.**, D. Bixio, C. Thoeve (2007) The role of constructed wetlands in municipal wastewater reclamation and reuse. *The Science of the Total Environment* 380:247–58.
IF (2007)=2.182; R=38/160 (Q1) in Environmental Sciences
5. **Ghermandi, A.**, V. Vandenberghe, L. Benedetti, W. Bauwens, P.A. Vanrolleghem (2009) Model-based assessment of shading effect by riparian vegetation on river water quality. *Ecological Engineering* 35:92–104.
IF (2009)=2.745; R=42/129 (Q2) in Ecology, 8/42 (Q1) in Engineering, Environmental, 35/181 (Q1) in Environmental Sciences
6. **Ghermandi, A.**, R. Messalem (2009) Solar-driven desalination with reverse osmosis: The state of the art. *Desalination and Water Treatment* 7:285–96.
IF (2010)=0.752; R=79/135 (Q4) in Engineering, Chemical, 51/76 (Q3) in Water Resources. [2010 is the earliest year the journal is ranked in JCR]
7. **Ghermandi, A.**, R. Messalem (2009) The advantages of NF desalination of brackish water for sustainable irrigation: The case of the Arava Valley in Israel. *Desalination and Water Treatment* 10:101–7.
IF (2010)=0.752; R=79/135 (Q4) in Engineering, Chemical, 51/76 (Q3) in Water Resources. [2010 is the earliest year the journal is ranked in JCR]

8. **Ghermandi, A.**, S. Batayneh (2010) Photovoltaic-powered membrane desalination in urban and rural areas. *Annals of Arid Zone* **39**(3-4):1–22.
SJR (2010)=0.111; R=271/314 (Q4) in Agronomy and Crop Science, 329/363 (Q4) in Animal Science and Zoology, 489/528 (Q4) in Ecology, Evolution, Behavior and Systematics
9. **Ghermandi, A.**, J.C.J.M. van den Bergh, L.M. Brander, H.L.F. de Groot, P.A.L.D. Nunes (2010) The values of natural and human-made wetlands: A meta-analysis. *Water Resources Research* **46**, W12516, 12 pp.
IF (2010)=2.737; R=42/193 (Q1) in Environmental Sciences, 2/18 (Q1) in Limnology, 2/76 (Q1) in Water Resources
10. Palatnik, R.R., I. Kan, M. Rapaport-Rom, **A. Ghermandi**, F. Eboli, M. Shechter (2011) Integration of general and partial equilibrium agricultural land-use transformation for the analysis of climate-change in the Mediterranean. *Climate Change Economics* **2**(4):275–99
IF=1.49 in IDEAS/RePEc Simple Impact Factors for Journals
11. Brander, L., I. Bräuer, H. Gerdes, **A. Ghermandi**, O. Kuik, A. Markandya, Navrud, P. Nunes, M. Schaafsma, H. Vos, A. Wagtendonk (2012) Using meta-analysis and GIS for value transfer and scaling up: Valuing climate change induced losses of European wetlands. *Environmental and Resource Economics* **52**:395–413.
IF (2012)=1.795; R=59/333 (Q1) in Economics, 25/93 (Q2) in Environmental Studies; authors are listed in alphabetic order
12. Olwig, R., T. Hirsch, C. Sattler, H. Glade, L. Schmeken, S. Will, **A. Ghermandi**, R. Messalem (2012) Techno-economic analysis of combined concentrating solar power and desalination plant configurations in Israel and Jordan. *Desalination and Water Treatment* **41**(1-3):9–25.
IF (2012)=0.852 ;R=83/133 (Q3) in Engineering, Chemical, 58/80 (Q3) in Water Resources; authors have contributed equally to this publication
13. de Groot, R.S., L. Brander, S. van der Ploeg, F. Bernard, L. Braat, M. Christie, R. Costanza, N. Crossman, **A. Ghermandi**, L. Hein, S. Hussain, P. Kumar, A. McVittie, R. Portela, L.C. Rodriguez, P. ten Brink (2012) Global estimates of the value of ecosystems and their services in monetary units. *Ecosystem Services* **1**:50–61.
IF (2015)=4.307; R=22/150 (Q1) in Ecology, 24/225 (Q1) in Environmental Sciences, 4/104 (Q1) in Environmental Studies. [2015 is the earliest year this journal is ranked in JCR]; authors after the third are listed alphabetically and have contributed equally to this publication; placed among the top 1% of highly cited papers in Environment/Ecology by InCites Essential Science Indicators)
14. Rodrigues, L., J.C.J.M. van den Bergh, **A. Ghermandi** (2013) Socio- economic impacts of ocean acidification in the Mediterranean Sea. *Marine Policy* **38**:447–56.
IF (2013)=2.621; R=11/98 (Q1) in Environmental Studies, 3/83 (Q1) in International Relations
15. **Ghermandi, A.**, P.A.L.D. Nunes (2013) A global map of coastal recreation values: Results from a spatially explicit meta-analysis. *Ecological Economics* **86**:1–15.
IF (2013)=2.517; R=53/141 (Q2) in Ecology, 70/216 (Q2) in Environmental

- Sciences, 33/333 (Q1) in Economics, 14/98 (Q1) in Environmental Studies; placed among the top 1% of highly cited papers in Economics & Business by InCites Essential Science Indicators
16. Camacho-Valdez, V., A. Ruiz-Luna, **A. Ghermandi**, P.A.L.D. Nunes (2013) Valuation of ecosystem services provided by coastal wetlands in northwest Mexico. *Ocean & Coastal Management* 78:1–11.
IF (2013)=1.769; R=25/59 (Q2) in Oceanography, 27/81 (Q2) in Water Resources
 17. **Ghermandi, A.**, H. Ding, P.A.L.D. Nunes (2013) The social dimension of biodiversity policy in the European Union: Valuing the benefits to vulnerable communities. *Environmental Science and Policy* 33:196–208.
IF (2013)=3.514; R=31/216 (Q1) Environmental Sciences
 18. Kedem, O., **A. Ghermandi**, R. Messalem (2013) On the drying out of bipolar membranes. *Membrane Water Treatment* 4(3):215–22.
IF (2013)=0.436; R=109/133 (Q4) in Engineering, Chemical, 73/81 (Q4) in Water Resources
 19. Nunes, P.A.L.D., **A. Ghermandi** (2013) The economics of marine ecosystems: Reconciling conservation and use of coastal and marine systems and the underlying natural capital. *Environmental and Resource Economics* 56:459–65.
IF (2013)=1.703; R=65/333 (Q1) in Economics, 29/98 (Q2) in Environmental Studies
 20. **Ghermandi, A.**, R. Messalem, R. Offenbach, S. Cohen (2014) Solar desalination for sustainable brackish water management in arid land agriculture. *Renewable Agriculture and Food Systems* 29(3): 255–64.
IF (2014)=1.355; R=13/56 (Q1) in Agriculture, Multidisciplinary
 21. Camacho-Valdez, V., A. Ruiz-Luna, **A. Ghermandi**, C.A. Berlanga-Robles, P.A.L.D. Nunes (2014) Effects of land use changes on the ecosystem service values of coastal wetlands. *Environmental Management* 54(4):852–64.
IF (2014)=1.724; R=108/223 (Q2) in Environmental Sciences
 22. **Ghermandi, A.** (2015) Benefits of coastal recreation in Europe: identifying trade-offs and priority regions for sustainable management. *Journal of Environmental Management* 152:218–29.
IF (2015)=3.131; R=54/225 (Q1) in Environmental Sciences
 23. **Ghermandi, A.**, B. Galil, J. Gowdy, P.A.L.D. Nunes (2015) Jellyfish outbreak impacts on recreation in the Mediterranean Sea: Welfare estimates from a socio-economic pilot survey in Israel. *Ecosystem Services* 11:140–7.
IF (2015)=4.307; R=22/150 (Q1) in Ecology, 24/225 (Q1) in Environmental Sciences, 4/104 (Q1) in Environmental Studies
 24. Rao, N.S., **A. Ghermandi**, R. Portela, X. Wang (2015) Global values of coastal ecosystem services: A spatial economic analysis of shoreline protection values. *Ecosystem Services* 11:95–105.
IF (2015)=4.307; R=22/150 (Q1) in Ecology, 24/225 (Q1) in Environmental Sciences, 4/104 (Q1) in Environmental Studies

25. Canu, D., **A. Ghermandi**, P.A.L.D. Nunes, G. Cossarini, P. Lazzari, C. Solidoro (2015) Estimating the value of carbon sequestration ecosystem services in the Mediterranean Sea: An ecological economics approach. *Global Environmental Change* 32:87–95.
IF (2015)=5.679; R=11/225 (Q1) in Environmental Sciences, 2/104 (Q1) in Environmental Studies, 1/77 (Q1) in Geography
26. **Ghermandi, A.**, E. Fichtman[#] (2015) Cultural ecosystem services of multifunctional constructed treatment wetlands and waste stabilization ponds: time to enter the mainstream? *Ecological Engineering* 84: 615–23.
IF (2015)=2.740; R=50/150 (Q2) in Ecology, 17/50 (Q2) in Engineering, Environmental, 66/225 (Q2) in Environmental Sciences
27. **Ghermandi, A.** (2016) Analysis of intensity and spatial patterns of public use in natural treatment systems using geotagged photos from social media. *Water Research* 105: 297-304.
IF (2016)=6.942; R=2/49 (Q1) in Engineering, Environmental, 8/229 (Q1) in Environmental Sciences, 1/88 (Q1) in Water Resources
28. Zilberfarb, Z.[#], R. Palatnik, **A. Ghermandi** (2016) Urban grey water reuse: the gap between public perception and regulation. *Ecology and Environment* 3(7): 267-268 [Hebrew].
29. **Ghermandi, A.**, Sheela A.M., J. Justus (2016) Integrating similarity analysis and ecosystem service value transfer: results from a tropical coastal wetland in India. *Ecosystem Services* 22:73-82.
IF (2016)=4.072; R=31/153 (Q1) in Ecology, 36/229 (Q1) in Environmental Sciences, 8/105 (Q1) in Environmental Studies
30. Sheela, A.M., **A. Ghermandi**, P. Vineetha, R.V. Sheeja, J. Justus, K. Ajayakrishna (2017) Assessment of relation of land use characteristics with vector-borne diseases in tropical areas. *Land Use Policy* 63: 369-380.
IF (2017)=3.194; R=25/108 (Q1) in Environmental Studies
31. **Ghermandi, A.**, T. Minich[#] (2017) Analysis of farmers' attitude toward irrigation with desalinated brackish water in Israel's Arava Valley. *Desalination and Water Treatment* 76:328-331.
IF (2017)=1.383; R=80/137 (Q3) in Engineering, Chemical, 61/90 (Q3) in Water Resources
32. **Ghermandi, A.**, S. Naoum, F. Alawneh, R. Offenbach, E. Tripler, J. Safi, M. Safi, R. Messalem (2017) Solar-powered desalination of brackish water with nanofiltration membranes for intensive agricultural use in Jordan, the Palestinian Authority and Israel. *Desalination and Water Treatment* 76:332-338.
IF (2017)=1.383; R=80/137 (Q3) in Engineering, Chemical, 61/90 (Q3) in Water Resources
33. Akron, A.[#], **A. Ghermandi**, T. Dayan, Y. Hershkovitz (2017) Interbasin water transfer for the rehabilitation of a transboundary Mediterranean stream: an economic analysis. *Journal of Environmental Management* 202:276-286.
IF (2017)=4.005; R=47/241 (Q1) in Environmental Sciences

34. **Ghermandi, A.** (2018) Integrating social media analysis and revealed preference methods to value the recreation services of ecologically engineered wetlands. *Ecosystem Services* 31: 351-357.
IF (2017)=4.395; R=24/158 (Q1) in Ecology, 35/241 (Q1) in Environmental Sciences, 12/108 (Q1) in Environmental Studies
35. Hynes, S., **A. Ghermandi**, D. Norton, H. Williams (2018) Marine recreational ecosystem service value estimation: a meta-analysis with cultural considerations. *Ecosystem Services* 31: 410-419.
IF (2017)=4.395; R=24/158 (Q1) in Ecology, 35/241 (Q1) in Environmental Sciences, 12/108 (Q1) in Environmental Studies
36. Portnov, B., T. Trop, S. Ofek, A. Svechkina, S. Akron, **A. Ghermandi** (2018) Factors affecting homebuyers' willingness to pay green building price premium: Evidence from a nationwide survey in Israel. *Building and Environment* 137:280-291.
IF (2017)=4.539; R=4/62 (Q1) in Construction & Building Technology, 10/50 (Q1) in Engineering, Environmental, 2/128 (Q1) in Engineering, Civil
37. **Ghermandi, A.**, J. Agard, P.A.L.D. Nunes (2018) Applying Geographic Information Systems to ecosystem services valuation and mapping in Trinidad and Tobago. *Letters in Spatial and Resource Sciences*, pp 1-18, <https://doi.org/10.1007/s12076-018-0210-9>.
SJR (2017)=0.202; R=434/613 (Q3) in Economics and Econometrics, 59/94 (Q3) in Demography, 432/699 (Q3) in Geography, Planning and Development, 81/173 (Q3) in Urban Studies
38. Sinclair, M.#, **A. Ghermandi**, Sheela A.M. (2018) A crowdsourced valuation of recreational ecosystem services using social media data: An application to a tropical wetland in India. *Science of the Total Environment* 642: 356-365.
IF (2017)=4.610; R=27/242 (Q1) in Environmental Sciences
39. Savith, S., **A. Ghermandi**, Sheela A.M., J. Justus, P. Vineetha (2018) Climate change vulnerability effects based on environmental and socio-economic factors in a tropical region. *Environmental Monitoring and Assessment* 190: 727, 17 pp.
IF (2017)=1.804; R=136/242 (Q3) in Environmental Sciences
40. Sinclair, M.#, **A. Ghermandi**, Sheela A.M., Sabu J. (2019) Recreation and environmental quality of tropical wetlands: a social media based spatial analysis. *Tourism Management* 71: 179-186.
IF (2018)=6.012; R=9/116 (Q1) in Environmental Studies, 2/52 in Hospitality, Leisure, Sport & Tourism (Q1), 15/217 in Management (Q1)
41. **Ghermandi, A.**, D. Obura, C. Knudsen, P.A.L.D. Nunes (2019) Valuing and mapping the services of coastal and marine ecosystems in the Northern Mozambique Channel: a geospatial and social analysis for policy support. *Ecosystem Services* 35: 1-12.
IF (2018)=5.572; R=18/164 (Q1) in Ecology, 28/250 (Q1) in Environmental Sciences
42. **Ghermandi, A.**, M. Sinclair# (2019) Passive crowdsourcing of social media in environmental research: a systematic map. *Global Environmental Change* 55: 36-47.

IF (2018)=10.427; R=4/250 (Q1) in Environmental Sciences

43. Zelingher, R., **A. Ghermandi**, E. De Cian, M. Mistry, I. Kan (2019) Economic impacts of climate change on vegetative agriculture markets in Israel. *Environmental and Resource Economics*, pp. 1–18, <https://doi.org/10.1007/s10640-019-00340-z>.

IF (2018)=2.154; R=85/363 (Q1) in Economics, 58/116 (Q2) in Environmental Studies

44. * **Ghermandi, A.**, Camacho-Valdez V., Trejo-Espinosa, H. (2020) Identifying cultural services of natural and heritage sites for locals, domestic and international visitors to a coastal region in Mexico through social media analysis. *Tourism Management* 77, 104002.

IF (2018)=6.012; R=9/116 (Q1) in Environmental Studies, 2/52 in Hospitality, Leisure, Sport & Tourism (Q1), 15/217 in Management (Q1)

Accepted for publication

45. Cahn, A.#, D. Katz, **A. Ghermandi**. Analyzing water customer preferences for online feedback technologies in Israel: a prototype study. *Journal of Water Resources Planning and Management*, 15 pp. (Word document).

IF (2018)=3.404; R=13/91 (Q1) in Water Resources, 19/132 (Q1) in Civil Engineering

46. * Camacho-Valdez, V., A. Saenz-Arroyo, **A. Ghermandi**, D. Navarrete-Gutierrez, R. Rodiles-Hernandez. Spatial analysis, local people's perception and economic valuation of wetland ecosystem services in the Usumacinta floodplain, Southern Mexico PeerJ, 42 pp. (Word document).

IF (2018)=2.353; R=27/69 (Q2) in Multidisciplinary Sciences

E. Articles or Chapters in Scientific Books (which are not Conference Proceedings)

Published

1. de Groot, R. P. Kumar, S. van der Ploeg, S. Hussain, P. van Beukering, R. Portela, **A. Ghermandi**, L. Brander, N. Crossman, M. Christie, F. Bernard, L.C. Rodriguez, L. Hein, D. Pitt (2010) Estimates of monetary values of ecosystem services. In P. Kumar (ed.) *The Economics of Ecosystem and Biodiversity: Ecological and Economic Foundations*, Earthscan, London and Washington.
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