**Supplementary material**

**Appendix 1: Highly cited papers on the impacts of coastal tourism**

|  | **Sentiment** |  |
| --- | --- | --- |
| **Paper** | **Citations\*** | **Social** | **Environmental** | **Economic** | **ICZM** |
| 1. Bulleri F and Chapman MG (2010) The introduction of coastal infrastructure as a driver of change in marine environments. Journal of Applied Ecology 47(1), 26-35.
 | 600 | - | Negative | - | No |
| 1. Davenport J, Davenport JL (2006) The impact of tourism and personal leisure transport on coastal environments: a review. Estuarine, coastal and shelf science 67(1-2), 280-92.
 | 494 | - | Negative | - | No |
| 1. Dyer P, Gursoy D, Sharma B, Carter J (2007) Structural modeling of resident perceptions of tourism and associated development on the Sunshine Coast, Australia. Tourism management 28(2), 409-22.
 | 348 | Mixed | Neutral | Positive | No |
| 1. Nunkoo R, Ramkissoon H (2011) Developing a community support model for tourism. Annals of tourism research 38(3), 964-88.
 | 346 | - | - | Positive | No |
| 1. Brunt P, Courtney P (1999) Host perceptions of sociocultural impacts. Annals of tourism Research 26(3), 493-515.
 | 344 | Negative | - | Mixed | No |
| 1. Hall CM (2001) Trends in ocean and coastal tourism: the end of the last frontier?. Ocean & coastal management 44(9-10), 601-18.
 | 336 | - | Negative | - | Yes |
| 1. Akis S, Peristianis N, Warner J (1996) Residents' attitudes to tourism development: the case of Cyprus. Tourism management 17(7), 481-94.
 | 317 | Negative | Negative | Positive | No |
| 1. Orams MB (2002) Feeding wildlife as a tourism attraction: a review of issues and impacts. Tourism management 23(3), 281-93.
 | 302 | Positive | Negative | - | No |
| 1. Faulkner B, Tideswell C (1997) A framework for monitoring community impacts of tourism. Journal of sustainable tourism 5(1), 3-28.
 | 299 | Positive | Negative | Positive | No |
| 1. Zhao B, Kreuter U, Li B, Ma Z, Chen J, Nakagoshi N (2004) An ecosystem service value assessment of land-use change on Chongming Island, China. Land Use Policy 21(2), 139-48.
 | 298 | - | Negative | - | No |
| 1. Gursoy D, Chi CG, Dyer P (2010) Locals’ attitudes toward mass and alternative tourism: The case of Sunshine Coast, Australia. Journal of travel research 49(3), 381-94.
 | 291 | - | - | Positive | No |
| 1. Constantine R, Brunton DH, Dennis T (2004) Dolphin-watching tour boats change bottlenose dolphin (Tursiops truncatus) behaviour. Biological conservation 117(3), 299-307.
 | 277 | - | Negative | - | No |
| 1. Lusseau D (2004) Effects of tour boats on the behavior of bottlenose dolphins: using Markov chains to model anthropogenic impacts. Conservation Biology 17(6), 1785-93.
 | 264 | - | Negative | - | No |
| 1. Saveriades A (2000) Establishing the social tourism carrying capacity for the tourist resorts of the east coast of the Republic of Cyprus. Tourism management 21(2),147-56.
 | 262 | Mixed | Mixed | Positive | No |
| 1. Laglbauer BJ, Franco-Santos RM, Andreu-Cazenave M, Brunelli L, Papadatou M, Palatinus A, Grego M, Deprez T (2014) Macrodebris and microplastics from beaches in Slovenia. Marine pollution bulletin 89(1-2), 356-66.
 | 260 | - | Negative | - | No |
| 1. Zhou Q, Zhang H, Fu C, Zhou Y, Dai Z, Li Y, Tu C, Luo Y (2018) The distribution and morphology of microplastics in coastal soils adjacent to the Bohai Sea and the Yellow Sea. Geoderma 322, 201-8.
 | 254 | - | Negative | - | No |
| 1. Zakai D, Chadwick-Furman NE (2002) Impacts of intensive recreational diving on reef corals at Eilat, northern Red Sea. Biological Conservation 105(2), 179-87.
 | 247 | - | Negative | Positive | No |
| 1. Stolte A, Forster S, Gerdts G, Schubert H (2015) Microplastic concentrations in beach sediments along the German Baltic coast. Marine Pollution Bulletin 99(1-2), 216-29.
 | 242 | - | Negative | - | No |
| 1. Barker NH, Roberts CM (2004) Scuba diver behaviour and the management of diving impacts on coral reefs. Biological conservation 120(4), 481-9.
 | 239 | - | Negative | - | No |
| 1. Benjaminsen TA, Bryceson I (2012) Conservation, green/blue grabbing and accumulation by dispossession in Tanzania. Journal of Peasant Studies 39(2), 335-55.
 | 237 | Negative | - | Negative | No |
| 1. Chown SL, Huiskes AH, Gremmen NJ, Lee JE, Terauds A, Crosbie K, Frenot Y, Hughes KA, Imura S, Kiefer K, Lebouvier M (2012) Continent-wide risk assessment for the establishment of nonindigenous species in Antarctica. Proceedings of the National Academy of Sciences. 109(13), 4938-43.
 | 225 | - | Negative | - | No |
| 1. Spalding M, Burke L, Wood SA, Ashpole J, Hutchison J, Zu Ermgassen P (2017) Mapping the global value and distribution of coral reef tourism. Marine Policy 82, 104-13.
 | 213 | - | - | Positive | No |
| 1. Weaver DB, Lawton LJ (2001) Resident perceptions in the urban–rural fringe. Annals of tourism research 28(2), 439-58.
 | 211 | Mixed | Mixed | Positive | No |
| 1. Yu X, Peng J, Wang J, Wang K, Bao S (2016) Occurrence of microplastics in the beach sand of the Chinese inner sea: the Bohai Sea. Environmental pollution 214, 722-30.
 | 208 | - | Negative | - | No |
| 1. Diedrich A, García-Buades E (2009) Local perceptions of tourism as indicators of destination decline. Tourism Management 30(4), 512-21.
 | 205 | Mixed | Mixed | Positive | No |
| 1. Kuvan Y, Akan P (2005) Residents' attitudes toward general and forest-related impacts of tourism: the case of Belek, Antalya. Tourism management 26(5), 691-706.
 | 205 | Positive | Negative | Positive | No |
| 1. Mullins P (1991) Tourism urbanization. International journal of urban and regional research 15(3), 326-42.
 | 197 | Negative | - | - | No |
| 1. Sirakaya E, Teye V, Sönmez S (2002) Understanding residents’ support for tourism development in the central region of Ghana. Journal of travel research 41(1), 57-67.
 | 188 | Negative | - | Negative | No |
| 1. Hawkins JP, Roberts CM, Van'T Hof T, De Meyer K, Tratalos J, Aldam C (1999) Effects of recreational scuba diving on Caribbean coral and fish communities. Conservation biology 13(4), 888-97.
 | 176 | - | Negative | Positive | No |
| 1. Davis D, Tisdell C (1995) Recreational scuba-diving and carrying capacity in marine protected areas. Ocean & Coastal Management 26(1), 19-40.
 | 175 | Negative | Mixed | Positive | No |
| 1. Ellenberg U, Setiawan AN, Cree A, Houston DM, Seddon PJ (2007) Elevated hormonal stress response and reduced reproductive output in Yellow-eyed penguins exposed to unregulated tourism. General and comparative endocrinology 152(1), 54-63.
 | 164 | - | Negative | - | No |
| 1. Almeida-García F, Peláez-Fernández MÁ, Balbuena-Vazquez A, Cortés-Macias R (2016) Residents' perceptions of tourism development in Benalmádena (Spain). Tourism Management 54, 259-74.
 | 163 | Mixed | Mixed | Mixed | No |
| 1. Cuadrado-Ciuraneta S, Durà-Guimerà A, Salvati L (2017) Not only tourism: Unravelling suburbanization, second-home expansion and “rural” sprawl in Catalonia, Spain. Urban Geography 38(1), 66-89.
 | 163 | Neutral | Neutral | Neutral | No |
| 1. Gössling S (2001) The consequences of tourism for sustainable water use on a tropical island: Zanzibar, Tanzania. Journal of environmental management 61(2), 179-91.
 | 160 | Negative | Negative | Positive | No |
| 1. Badalamenti F, Ramos AA, Voultsiadou E, Lizaso JS, D'Anna G, Pipitone C, Mas J, Fernandez JR, Whitmarsh D, Riggio S (2000) Cultural and socio-economic impacts of Mediterranean marine protected areas. Environmental conservation 27(2), 110-25.
 | 158 | - | Negative | Positive | No |
| 1. Lusseau D (2004) The hidden cost of tourism: detecting long-term effects of tourism using behavioral information. Ecology and Society, 9(1).
 | 157 | - | Negative | - | No |
| 1. Mendoza-González G, Martínez ML, Lithgow D, Pérez-Maqueo O, Simonin P (2012) Land use change and its effects on the value of ecosystem services along the coast of the Gulf of Mexico. Ecological Economics 82, 23-32.
 | 157 | - | Negative | Positive | No |
| 1. Teatini P, Ferronato M, Gambolati G, Gonella M (2006) Groundwater pumping and land subsidence in the Emilia‐Romagna coastland, Italy: Modeling the past occurrence and the future trend. Water Resources Research 42(1).
 | 154 | - | Negative | - | No |
| 1. Woosnam KM, Norman WC, Ying T (2009) Exploring the theoretical framework of emotional solidarity between residents and tourists. Journal of Travel Research 48(2), 245-58.
 | 153 | Positive | - | - | No |
| 1. Burak S, Dogan E, Gazioglu C (2004) Impact of urbanization and tourism on coastal environment. Ocean & Coastal Management 47(9-10), 515-27.
 | 152 | - | Negative | Mixed | Yes |
| 1. Alola AA, Alola UV (2018) Agricultural land usage and tourism impact on renewable energy consumption among Coastline Mediterranean Countries. Energy & Environment 29(8), 1438-54.
 | 89 | - | Negative | Positive | No |
| 1. Gursoy D, Ouyang Z, Nunkoo R, Wei W (2019) Residents’ impact perceptions of and attitudes towards tourism development: A meta-analysis. Journal of Hospitality Marketing & Management 28(3), 306-33.
 | 80 | - | - | Positive | No |
| 1. Geng Y, Wei Z, Zhang H, Maimaituerxun M (2020) Analysis and prediction of the coupling coordination relationship between tourism and air environment: Yangtze River economic zone in China as example. Discrete Dynamics in Nature and Society.
 | 36 | - | Mixed | - | No |
| 1. Grilli G, Tyllianakis E, Luisetti T, Ferrini S, Turner RK (2021) Prospective tourist preferences for sustainable tourism development in Small Island Developing States. Tourism Management 82, 104178.
 | 32 | Negative | Negative | Positive | No |

\*Note: The citations reflected in the supplementary material were drawn from the Scopus database, and Web of Science when unavailable in Scopus, on 18/05/2022.