Suplemmentary material 1. Literature review of scientific studies focused on tourism and coastal dunes.

| Year | Authors | Approach | Methods | Country |
| --- | --- | --- | --- | --- |
| 1991 | Guilcher and Hallégouët, 1991 | Impact | Theoretical | France |
| 1993 | Watkeys et al., 1993 | Promote tourism | Theoretical | South-Africa |
| 2000 | Nordstrom et al., 2000 | Promote tourism | Theoretical | USA |
| 2002 | Catto, 2002 | Geomorphology | Theoretical | Canada |
| 2007 | Grunewald and Schubert, 2007 | Impact | Field work/checklist | Germany |
| 2007 | Sönmez and Sarİ, 2007 | Land use/cover | Remote sensing | Turkey |
| 2008 | Comor et al., 2008 | Animals | Field work | France |
| 2009 | Kemal Sönmez et al., 2009 | Land use/cover | Remote sensing | Turkey |
| 2009 | Özcan et al., 2009 | Promote tourism | Mapping | Turkey |
| 2010 | Everard et al., 2010 | Ecosysten Services | Theoretical | Europe |
| 2011 | Schlacher et al., 2011 | Animals | Field work | Australia |
| 2011 | Vallés et al., 2011 | Geomorphology/veg | Checklist | Spain |
| 2012 | El Mrini et al., 2012 | Geomorphology | Field work | Morrocco |
| 2012 | Yang et al. 2012 | Promote tourism | Remote sensing | USA |
| 2013 | Bessa et al., 2013 | Animals | Field work | Portugal |
| 2013 | Cabrera-Vega et al. 2013 | Geomorphology | Remote sensing | Spain |
| 2013 | Ballantyne and Pickering, 2013 | Vegetation | Databases | Europe |
| 2013 | Farris et al., 2013 | Vegetation | Field work | Italy |
| 2013 | Attorre et al., 2013 | Vegetation | Field work | Italy |
| 2014 | Bessa et al., 2014 | Animals | Field work | Portugal |
| 2014 | Pintó et al., 2014 | Geomorphology/veg | Field work/checklist | Spain |
| 2014 | Lucrezi et al., 2014 | Vegetation | Field work | South Africa |
| 2015 | Jonah et al., 2015 | Animals | Field work | Ghana |
| 2015 | Sytnik and Stecchi, 2015 | Geomorphology/veg | Published info, field, remote | Italy |
| 2016 | Seer et al., 2016 | Impact | Field work | Germany |
| 2016 | Teixeira et al., 2016 | Restoration | Field experiment | Brazil |
| 2016 | Martinez et al., 2016 | Vegetation | Field work | Mexico |
| 2016 | Šilc et al., 2016 | Vegetation | Field work | Montenegro and Albania |
| 2017 | Phillips et al., 2017 | Animals | Field work | Australia |
| 2017 | Carpio et al., 2017 | Animals | Field work | Spain |
| 2017 | Ferrer-Valero et al., 2017 | Geomorphology | Mapping | Spain |
| 2017 | González and Holtmann-Ahumada, 2017 | Impact | Field/index | Chile |
| 2017 | Ciccarelli et al., 2017 | Impact | Field/index | Italy |
| 2017 | Hernández-Cordero et al., 2017 | Land use/cover | Remote sensing | Spain |
| 2017 | Kim et al., 2017 | Land use/cover | System thinking process | South Korea |
| 2017 | Pérez-Maqueo et al., 2017 | Vegetation | Field work | Mexico |
| 2017 | Gómez-Zotano et al., 2017 | Vegetation | Field work remote sensing | Spain |
| 2018 | Carranza et al., 2018 | Ecosysten Services | Mapping | Italy |
| 2018 | Bezzi et al., 2018 | Geomorphology | Databases | Italy |
| 2018 | Garcia-Lozano and Pintó, 2018 | Land use/cover | Remote sensing | Spain |
| 2019 | Urbis et al., 2019 | Aesthetic | Survey | Lithuania |
| 2019 | Fantinato, 2019 | Animals | Field work | Italy |
| 2019 | Drius et al., 2019 | Ecosysten Services | Interviews | Italy |
| 2019 | Senouci and Taibi, 2019 | Geomorphology | Remote sensing | Algeria |
| 2019 | Hogan et al., 2019 | Impact | Interviews | Canada |
| 2019 | Lithgow et al., 2019 | Risks | Remote sensing | Mexico |
| 2019 | Pinna et al., 2019 | Vegetation | Field work | Italy |
| 2019 | Phillips et al., 2019 | Impact | Field work | Australia |
| 2020 | Carranza et al., 2020 | Ecosysten Services | Survey | Italy |
| 2020 | Harris et al., 2020 | Ecosysten Services | Survey | USA |
| 2020 | Lithgow et al., 2020 | Restoration | Field work/checklist | Mexico |
| 2020 | San Nayim, 2020 | Vegetation | Field work | Turkey |
| 2020 | Šilc et al., 2020 | Vegetation | Field work | Montenegro |
| 2021 | Urbis et al., 2021 | Aesthetic | Remote sensing | Lithuania-Russia |
| 2021 | Arévalo-Valenzuela et al., 2021 | Ecosysten Services | Survey | Chile |
| 2021 | Santana-Cordero, 2021 | Geomorphology/veg | Remote sensing | Spain |
| 2021 | Bellaubi et al., 2021 | Governance | Theoretical | Spain |
| 2021 | Calderisi et al., 2021 | Impact | Field work | Italy |
| 2021 | Prisco et al., 2021 | Impact | Field work | Italy |
| 2021 | Mo et al., 2021 | Impact | Field work | Italy |
| 2021 | Hogan et al., 2021 | Impact | Interviews | Canada |
| 2021 | González et al., 2021 | Perception | Survey | Chile |
| 2022 | García-Romero et al., 2022 | Impact | Field work | Spain |
| 2022 | Pinna et al., 2022 | Restoration | Checklist | Italy |
| 2023 | Doyle and Woodroffe, 2023 | Geomorphology | Remote sensing | Australia |
| 2023 | Gül and Küçükuysal 2023 | Promote tourism | Field work | Turkey |
| 2023 | Enriquez de Salamanca, 2023 | Vegetation | Field work | Spain |
| 2023 | Pintó et al., 2023 | Vegetation | Field work | Spain |

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