

Table S1. List of reviewed papers (from the Scopus search) associated with different water security dimensions.

| S. No. | Water Security Dimensions | Key Reference Papers |
|--------|-------------------------------|--|
| 1 | Water quality | Kumar, 2019 [1]; UN Water, 2013 [2]; Jalilov et al., 2018 [3]; Avtar et al., 2019 [4]; Bichai and Smeets, 2013 [5]; Grady et al., 2019 [6]; Gunda et al., 2019 [7]; Holding et al., 2017 [8]; Kumar, 2015 [9]; Kumar et al., 2016a [10]; Kumar et al., 2012 [11]; Medeiros et al., 2016 [12] |
| 2 | Water quantity | UNESCO and UNESCO ICWSSM, 2019 [13]; Aboelnga et al., 2020 [14]; Saidmamatov et al., 2020 [15]; Hoeskstra et al., 2018 [16]; Nilsson et al., 2013b [17] |
| 3 | Availability | Miguel et al., 2020 [18]; Islam et al., 2020 [19]; Babel et al., 2020 [20]; Mushavi et al., 2020 [21]; Giwa and Dindi, 2017 [22]; Onishi, 2011 [23]; Shamsudduha et al., 2018 [24]; |
| 4 | Accessibility | Diaz-Caravantes et al., 2020 [25]; Nepal et al., 2021 [26]; Islam et al., 2014 [27]; Nicholas and Dyer, 2013 [28] |
| 5 | Infrastructure and technology | Bichai et al., 2018 [29]; Aberilla et al., 2020 [30]; Kumar et al., 2016b [10]; Kumar et al., 2016 [31]; Liu et al., 2016 [32]; Pagano et al., 2014 [33]; Zodrow et al., 2017 [34] |
| 6 | Socio-economic | Smit et al., 2019 [35]; Crow and Odaba, 2010 [36]; Deshpande et al., 2019 [37]; Romero-Lankao and Gnatz, 2016 [38]; Rosinger et al., 2018 [39]; Brewis et al., 2020 [40]; Dadson et al., 2017 [41]; Ding et al., 2019 [42]; Penn et al., 2017 [43] |
| 7 | Risks/hazards | Danielaini et al., 2019 [44]; Garrick and Hall (2014) [45]; Gheuens et al., 2019 [46]; Mishra et al., 2021 [47]; Scocca, 2019 [48] |
| 8 | Ecosystem | Gerlak et al., 2018 [49]; Qin et al., 2019 [50]; Brewis et al., 2020 [40]; Nicholas et al., 2020 [51]; Vogl et al., 2017 [52] |
| 9 | Policy and governance | Pandey et al., 2019 [53]; Kumar et al. 2020 [54]; Gain et al., 2016 [55]; Aboelnga et al., 2019 [56]; Amorim et al., 2018 [57]; Chiluwe and Claassen, 2020 [58]; Jiang, 2015 [59]; Latchmore et al., 2018 [60]; Lu et al., 2018 [61]; Norman et al., 2012 [62] |
| 10 | Sanitation and hygiene | Bradley and Bartram, 2013 [63]; Garcia-Sanchez and Guereca, 2019 [64]; Mukherjee et al., 2020 [65]; Oerther et al., 2019 [66]; Quinn et al., 2018 [67] |
| 11 | Public health | Stanwell-Smith, 2009 [68]; Marttunen et al., 2019 [69]; Nilsson et al., 2013a [70]; Krueger et al., 2019 [71]; Marcantonio, 2019 [72]; Munoz et al., 2015 [73]; Khan et al., 2020 [74]; Aboelnga et al., 2019 [56]; Romero-Lankao and Gnatz, 2016 [38]; Chowdhury et al., 2016 [75]; Kumar et al., 2010 [76]; Avtar et al., 2020 [77]; Haghighatdoost et al., 2018 [78]; Pross et al., 2014 [79]; Ganio et al., 2011 [80]; Aihara et al., 2016 [81]; Liu et al., 2016 [82]; Maxfield, 2020 [83]; Nilsson et al., 2013 [84] |

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