**Suppl Table 1.** Representative reported concentrations of BPA in water samples and sediments from different parts of the world. All concentrations are given in µg L-1 unless otherwise mentioned.

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| --- | --- | --- | --- | --- |
| Matrix | Locality and description | Country | BPA detected concentration  | References |
| River water  | Yangtze River diversion project (13 different sites) | China | 0.253 (0.12 – 0.554) | (Zheng et al., 2019) |
| River water  | Fourteen different rivers (Agueda, Ave, Cavado, Douro, Ferro, Ferreira Minho, Lima, Paiva, Ta ˆmega, ‘Ria de Aveiro, Sousa, Vouga, and Vizela Rivers) | Portugal | bdl – 0.0984  | (Rocha et al., 2013) |
| Marine and freshwater | Erdemli time series and regional rivers Göksu, Lamas, Berdan, and Seyhan rivers; The Black Sea, Bosphorus, Sea of Marmara, and the Mediterranean Sea | Turkey | 4.62 - 29.92 | (Ozhan and Kocaman, 2019) |
| Ground water and surface water | Five lakes, seven rivers, 22 groundwater and 20 drinking water samples all over Austria | Austria | 0.0075 - 0.0209  | (Brueller et al., 2018) |
| Wastewater and river water | Wastewater treatment plant (WWTP) of Fontenay-les-Briis and Charmoise river, Seine basin | France | WWTP input: 4, WWTP output: 0.4River: 0.002 – 0.79  | (Tran et al., 2015) |
| Industrial and Municipal wastewater and sludge | 31 treatment plants, 15 paper mills across Canada and 13 industrial wastewater samples from Toronto | Canada | 0.010 – 149.2 | (Lee and Peart, 2000) |
| Surface and ground water  | 12 ground water and two surface water samples, Northeast Spain | Spain |  0.05 - 0.18 | (Latorre et al., 2003) |
| Coastal water | 28 different location along the Singapore coastline | Singapore | bdl - 2.47 | (Basheer et al., 2004) |
| Wastewater and surface water | Wastewater from different industries, associated WWTPs and receiving rivers | Belgium and Italy | bdl - 0.175 | (Loos et al., 2007) |
| Surface water | Rivers crossing Sao Luis island | Brazil | Not detected  | (Melo and Brito, 2014) |
| River water and sediment | Water and sediments from16 major rivers of Taiwan, | Taiwan | Water: 0.01 – 44.65Sediments: 0.37 to 491.54 μg kg−1  | (Lee et al., 2013) |
| River sediments and water | River Elbe and its tributaries Schwarze Elster, Mulde, Saale, Havel and Schwinge | Germany | Water: 0.001 – 0.114 Sediments: 10 – 379 µg/kg | (Stachel et al., 2003) |
| Surface water, sediments and suspended solids | Huangpu River and its tributaries, Yunzao Brook and Suzhou River  | China | Water: 0.023Sediments: 7.13 μg kg−1Suspended solid: 0.084 μg kg−1 | (Wu et al., 2013) |
| Surface water and suspended solids | North Tai Lake Basin (Jinghang Canal and its tributaries), China | China | Water: 0.024 - 1.175Suspended solids: 8.39 – 2682 μg kg−1 | (Zhang et al., 2014b) |
| Surface water and sewage | Manzanares river and Jarama river and seven sewage treatment plants in Madrid region | Spain | 0.006 - 0.126  | (Esteban et al., 2014) |
| Lagoon water and sediments | Water and sediments samples from four stations in Venice Lagoon | Italy | Water: 0.001 - 0.145Sediments: 2 – 118 μg kg−1  | (Pojana et al., 2007) |
| Surface water (dams) | Four different dams in Mexico City | Mexico | 0.007 | (Félix–Cañedo et al., 2013) |
| River water and sewage water | Four different points at Aisonas River and from a sewage treatment plant at Katerini city | Greece | Water: 0.082 – 0.122Wastewater: 0.292  | (Stasinakis et al., 2012) |
| Fresh and marine surface water | Canals, rivers, estuarine/marine sites in different parts of the Netherlands | The Netherlands | 0.01- 0.33  | (Belfroid et al., 2002) |
| Seawaters and sediments | North Sea, the Elbe river, and its tributaries Schwarze Elster, Mulde, Saale and the Weisse Elster | Germany | Water: bdl – 0.776Sediments: 66 – 343 μg kg−1 | (Heemken et al., 2001) |
| Seawaters | Water and sediments samples at seven sites in Ishigaki island and at ten sites in Okinawa Island | Japan | Water: bdl - 0.058Sediments: bdl – 11 μg kg−1 | (Kawahata et al., 2004) |
| Coastal water  |  Coastal area (Rushan city) | China | 0.884  | (Zhang et al., 2019) |
| Futian Mangrove Nature Reserve Water | Samples at five sites in Futian Mangrove Nature Reserve Shenzhen | China | 0.34 - 4.01  | (Li et al., 2009) |
| Fresh and marine surface water | Arakawa River, Edogawa River, Tamagawa River and Tokyo Bay | Japan | 0.014 – 0.325 | (Yamazaki et al., 2015) |
| River water | Han River, Nakdong River and Yeongsan River | Korea | 0.04 – 0.141 | (Yamazaki et al., 2015) |
| River water | Pearl River and West River | China | 0.043 – 0.073 | (Yamazaki et al., 2015) |
| Lake and river water | Adyar River, Buckingham Canal, Cooum River, Korttalaiyar River and Puzhal Lake | India | 0.033 – 1.39 | (Yamazaki et al., 2015) |
| Bayou and stormwater canal | Bayou St. John, Lake Pontchartrain, London canal, Mississippi River and Orleans canal in New Orleans | USA | 0.0015 – 0.158 | (Boyd et al., 2004) |
| Pond and river water | Pearl River Estuary, Hengmen River, Fish pond, Guangzhou | China | 1.19 – 2.06 | (Dong et al., 2009) |
| Hazardous waste landfill leachates | Ten different waste landfill sites | Japan | 1.3 - 17200 | (Yamamoto et al., 2001) |

Bdl: below detection limit