|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **FAO data (*n*=42)** | | | | | | | |
| **Milieu** | **Years** | **Decadal rate of change** | **Adj. *R*2** | ***p*-value** | **Breakpoint ± SE** | **Kendall’s τ corr. with SSTA (*p*-val)** | **Kendall’s τ corr. with MTC (*p*-val)** |
| Bathydemersal | 1950-2019 | 0.13 | 0.66 | < 0.01 |  | 0.12 (*p*=0.20) | -0.30 (*p*=<0.01) |
|
| Bathypelagic | 1979-2019 | 0.32 | 0.78 | < 0.01 |  | -0.23 (*p*=0.04) | 0.36 (*p*=<0.01) |
| Benthopelagic | 1950-2019 | -0.71 | 0.83 | < 0.01 |  | -0.20 (*p*=0.02) | 0.53 (*p*=<0.01) |
| 1950-1998  1998-2019 | -0.94  0.01 | 0.90 | < 0.01 | 1998 ± 2.70 |  |  |
| Demersal | 1950-2019 | -0.55 | 0.59 | < 0.01 |  | -0.14 (*p*=0.09) | 0.54 (*p*=<0.01) |
| 1950-1998  1998-2019 | -0.86  0.52 | 0.72 | < 0.01 | 1998 ± 2.80 |  |  |
| Pelagic-neritic | 1964-2019 | 0.08 | 0.06 | 0.03 |  | -0.09 (*p*=0.35) | -0.09 (*p*=0.32) |
| Pelagic-oceanic | 1953-2019 | 1.68 | 0.17 | < 0.01 |  | 0.05 (*p*=0.59) | 0.09 (*p*=0.38) |
| 1953-2009  2009-2019 | 3.12  -11.6 | 0.40 | < 0.01 | 2009 ± 2.20 |  |  |
| **Sea Around Us data (*n*=42)** | | | | | | | |
| **Milieu or gear group** | **Years** | **Decadal rate of change** | **Adj. *R*2** | ***p*-value** | **Breakpoint ± SE** | **Kendall’s τ corr. with SSTA (*p*-val)** | **Kendall’s τ corr. with MTC (*p*-val)** |
| Bathydemersal | 1950-2019 | 0.14 | 0.77 | < 0.01 |  | 0.05 (*p*=0.56) | -0.50 (*p*=<0.01) |
|
| Bathypelagic | 1975-2019 | 0.12 | 0.78 | < 0.01 |  | < 0.01 (*p*=0.98) | -0.38 (*p*=<0.01) |
| 1975-1981  1981-2019 | 3.14  -0.04 | 0.82 | < 0.01 | 1981 ± 0.47 |  |  |
| Benthopelagic | 1950-2019 | -0.57 | 0.57 | < 0.01 |  | -0.11 (*p*=0.16) | 0.71 (*p*=<0.01) |
| 1950-1982  1982-2019 | -1.33  0.03 | 0.78 | < 0.01 | 1982 ± 2.53 |  |  |
| Demersal | 1950-2019 | -0.44 | 0.50 | < 0.01 |  | -0.05 (*p*=0.57) | 0.58 (*p*=<0.01) |
| 1950-1995  1995-2019 | -0.84  0.57 | 0.72 | < 0.01 | 1995 ± 2.24 |  |  |
| Pelagic-neritic | 1950-2019 | -0.01 | < 0.01 | 0.71 |  | 0.06 (*p*=0.50) | 0.23 (*p*=<0.01) |
| 1950-1979  1979-2019 | -0.56  0.33 | 0.44 | < 0.01 | 1979 ± 2.58 |  |  |
| Pelagic-oceanic | 1950-2019 | 0.89 | 0.21 | < 0.01 |  | 0.07 (*p*=0.39) | -0.33 (*p*=<0.01) |
| Bottom trawl | 1951-2019 | -1.43 | 0.71 | < 0.01 |  | -0.12 (*p*=0.13) | 0.83 (*p*=<0.01) |
| 1951-1987  1987-2019 | -2.90  0.25 | 0.92 | < 0.01 | 1987 ± 1.43 |  |  |
| Gillnet | 1951-2019 | -0.65 | 0.73 | < 0.01 |  | -0.15 (*p*=0.98) | 0.50 (*p*=<0.01) |
| Handline | 1951-2019 | -0.20 | 0.01 | 0.19 |  | 0.04 (*p*=0.61) | 0.31 (*p*=<0.01) |
| Longline | 1950-2019 | -0.40 | 0.11 | < 0.01 |  | 0.03 (*p*=0.73) | 0.12 (*p*=0.15) |
| 1950-1970  1970-2019 | -3.40  0.38 | 0.47 | < 0.01 | 1970 ± 2.46 |  |  |
| Other | 1955-2018 | -0.16 | 0.21 | < 0.01 |  | -0.06 (*p*=0.49) | 0.21 (*p*=0.01) |
| Purse seine | 1951-2019 | -0.08 | < 0.01 | 0.74 |  | -0.13 (*p*=0.11) | -0.08 (*p*=0.34) |
| Small scale | 1950-2019 | -1.20 | 0.68 | < 0.01 |  | -0.13 (*p*=0.12) | 0.84 (*p*=<0.01) |
| 1950-1987  1987-2019 | -2.35  0.28 | 0.89 | < 0.01 | 1987 ± 1.81 |  |  |
| Unknown | 1951-2019 | -0.84 | 0.30 | < 0.01 |  | 0.01 (*p*=0.93) | 0.52 (*p*=<0.01) |
| 1951-1979  1979-2019 | -3.73  0.89 | 0.86 | < 0.01 | 1979 ± 1.18 |  |  |