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Assessment of the environmental status in Hellenic coastal waters (Eastern Mediterranean): from the Water Framework Directive to the Marine Strategy Water Framework Directive.

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Supplementary Data

**“Assessment of the environmental status in the Hellenic coastal waters (Eastern Mediterranean):
from the Water Framework Directive to the Marine Strategy Framework Directive”**

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ANNEX. Analytical values of the parameters measured during the monitoring (n.a.= non available).

| STATION | Depth | mud% | S/0,1m ² | H | BEN-TIX index | NO ₂ (μmol/L) | SiO ₄ (μmol/L) | PO ₄ (μmol/L) | NH ₄ (μmol/L) | NO ₃ | DIN:P | TN | TP | TOC | N | SEC-CHI (m) | POP | POC |
|-------------------|-------|-------|---------------------|------|---------------|--------------------------|---------------------------|--------------------------|--------------------------|-----------------|--------|--------|-------|-------|-------|-------------|--------|--------|
| Pylos | 10 | 90,57 | 58,5 | 4,39 | 2,59 | 0,057 | 1,969 | 0,023 | 0,129 | 0,240 | 25,758 | 4,991 | 0,188 | 0,65 | 0,06 | 19 | 0,035 | 10,708 |
| Methoni | 20 | 64,92 | 71,5 | 5,43 | 3,54 | 0,066 | 0,994 | 0,030 | 0,294 | 0,170 | 29,550 | 6,383 | 0,172 | 0,43 | 0,04 | 15 | 0,020 | 9,437 |
| Korinthos | 98 | 99,43 | 18,5 | 4,07 | 3,89 | 0,189 | 1,055 | 0,031 | 0,304 | 0,414 | 38,765 | 5,719 | 0,080 | 0,57 | 0,06 | 13 | 0,041 | 7,357 |
| Aigio | 400 | 99,34 | 12 | 3,38 | 4,80 | 0,186 | 5,100 | 0,054 | 0,296 | 3,524 | 76,514 | n.a. | n.a. | 0,54 | 0,06 | 12 | 0,040 | 3,572 |
| Xylokastro | 840 | 44,73 | 14 | 2,66 | 5,04 | 0,396 | 2,832 | 0,031 | 0,315 | 1,786 | 44,770 | n.a. | n.a. | 0,46 | 0,05 | 12 | 0,042 | 4,442 |
| W. Patraikos | 91 | 99,08 | 12 | 3,31 | 4,60 | 0,088 | 2,917 | 0,200 | 0,705 | 1,173 | 15,293 | n.a. | n.a. | 0,69 | 0,08 | 8 | 0,044 | 6,778 |
| Patra | 100 | 49,71 | 20,5 | 3,59 | 3,88 | 0,161 | 2,935 | 0,028 | 1,493 | 1,289 | 24,734 | 5,836 | 0,087 | 0,73 | 0,08 | 15 | 0,025 | 5,687 |
| S. Patraikos | 60 | 96,08 | 23,5 | 3,79 | 2,87 | 0,132 | 2,597 | 0,020 | 0,465 | 0,692 | 60,973 | 14,815 | 0,204 | 0,71 | 0,07 | 10 | 0,025 | 6,672 |
| Argostoli | 18 | 92,72 | 32,5 | 3,82 | 4,55 | 0,058 | 2,167 | 0,030 | 0,492 | 0,116 | 6,002 | 0,229 | 1,49 | 0,13 | 9 | 0,070 | 12,842 | |
| Argolikos | 16 | 79,27 | 63 | 5,20 | 3,27 | 0,117 | 2,675 | 0,036 | 0,605 | 0,902 | 59,151 | 5,952 | 0,214 | 1,31 | 0,17 | 2,8 | 0,106 | 13,933 |
| Vourlias | 178 | 48,84 | 12,5 | 2,98 | 4,44 | 0,104 | 2,021 | 0,024 | 0,348 | 0,457 | 41,077 | 4,361 | 0,063 | 0,76 | 0,07 | 19 | 0,050 | 8,462 |
| Evrotas | 7 | 28,15 | 24 | 3,98 | 3,96 | 0,061 | 1,083 | 0,017 | 0,366 | 0,158 | 38,052 | 5,056 | 0,195 | 0,11 | 0,01 | 7 | 0,054 | 14,893 |
| Messolonghi | 100 | 99,36 | 12,5 | 3,30 | 3,85 | 0,118 | 4,586 | 0,077 | 0,315 | 2,374 | 34,441 | 5,481 | 0,123 | 0,69 | 0,06 | 12 | 0,073 | 6,025 |
| South Amvrakikos | 41 | 99,38 | 8,5 | 1,57 | 2,25 | 0,105 | 33,721 | 0,467 | 0,322 | 3,041 | 7,990 | 11,225 | 0,884 | 1,18 | 0,11 | 2,5 | 0,115 | 11,720 |
| Igoumenitsa | 7 | 48,47 | 22,5 | 3,87 | 3,00 | 0,091 | 4,214 | 0,047 | 0,439 | 0,245 | 17,655 | 8,995 | 0,365 | 1,35 | 0,12 | 4,5 | 0,140 | 24,193 |
| Kalamas | 15 | 98,91 | 73,5 | 4,73 | 2,77 | 0,078 | 3,0545 | 0,028 | 0,229 | 0,218 | 18,750 | 4,919 | 0,141 | 0,66 | 0,05 | 8 | 0,077 | 10,737 |
| Ekvoles Lourou | 16 | 96,32 | 20 | 3,19 | 2,88 | 0,276 | 26,431 | 0,110 | 1,129 | 0,369 | 14,540 | 13,870 | 0,621 | 1,66 | 0,14 | 3,5 | 0,391 | 51,362 |
| Ekvoles Arachthou | 24 | 38,38 | 8,5 | 2,46 | 2,45 | 0,090 | 37,338 | 0,268 | 0,419 | 1,018 | 5,900 | 11,336 | 0,631 | 0,96 | 0,07 | 2,5 | 0,296 | 22,504 |
| South Evoikos | 69 | 99,07 | 24 | 4,26 | 3,17 | 0,068 | 1,273 | 0,011 | 0,377 | 0,094 | 49,528 | 4,237 | 0,156 | 1,004 | 0,096 | 17 | 0,078 | 7,546 |
| S1 | 22 | 80,44 | 16,5 | 2,29 | 2,12 | 0,073 | 2,041 | 0,038 | 0,434 | 0,182 | 18,371 | 7,950 | 0,309 | 2,289 | 0,210 | 5 | 0,160 | 22,136 |
| S8 | 90 | 94,11 | 14 | 3,31 | 2,54 | 0,095 | 1,848 | 0,054 | 0,120 | 0,278 | 9,073 | 3,751 | 0,201 | 1,053 | 0,096 | 20 | 0,031 | 5,476 |
| S11 | 73 | 33,89 | 27 | 4,36 | 3,45 | 0,066 | 1,524 | 0,034 | 0,139 | 0,097 | 9,541 | 3,755 | 0,159 | 0,997 | 0,087 | 19 | 0,035 | 7,262 |
| S7 | 58 | 91,32 | 26 | 4,39 | 3,08 | 0,104 | 2,328 | 0,390 | 0,530 | 0,250 | 4,268 | 5,087 | 0,593 | 3,024 | 0,252 | 15 | 0,131 | 9,147 |
| Faneromeni | 19 | 95,32 | 18 | 3,50 | 2,55 | 0,053 | 1,587 | 0,034 | 0,248 | 0,057 | 10,759 | 6,241 | 0,242 | 2,275 | 0,218 | 4 | 0,074 | 12,565 |
| S25 | 400 | 97,5 | 2,5 | 1,09 | n.a. | 0,163 | 1,909 | 0,032 | 0,177 | 0,564 | 33,048 | 4,544 | 0,438 | 1,02 | 0,09 | 19 | 0,042 | 4,658 |
| Maliakos | 23 | 99,79 | 30 | 4,12 | 3,86 | 0,171 | 8,426 | 0,024 | 0,361 | 0,192 | 28,257 | 6,406 | 0,247 | 0,838 | 0,088 | 5 | 0,099 | 14,061 |
| Asopos | 11 | 65,53 | 27 | 3,67 | 2,90 | 0,058 | 1,554 | 0,014 | 0,489 | 0,073 | 45,383 | 5,174 | 0,216 | 1,775 | 0,114 | 5 | 0,063 | 13,014 |
| Itea | 21 | 47,31 | 38,5 | 4,25 | 3,10 | 0,307 | 3,735 | 0,039 | 0,520 | 1,680 | 71,837 | 2,955 | 0,109 | 0,62 | 0,04 | 9 | 0,087 | 12,023 |
| Antikyra | 67 | 33,92 | 72 | 5,60 | 3,80 | 0,308 | 2,183 | 0,027 | 0,237 | 0,814 | 50,059 | 3,008 | 0,088 | 0,50 | 0,04 | 18 | 0,050 | 10,730 |
| Theologos | 65 | 40,61 | 36,5 | 4,85 | 3,84 | 0,129 | 8,222 | 0,097 | 0,210 | 1,703 | 21,368 | 7,006 | 0,276 | 0,568 | 0,052 | 12 | 0,078 | 7,191 |
| Skouries | 75 | 6,42 | 22,5 | 3,59 | 2,78 | 0,102 | 6,702 | 0,065 | 0,788 | 0,945 | 28,553 | 6,333 | 0,230 | 0,572 | 0,026 | 14 | 0,063 | 7,287 |
| Larymna | 17 | 29,2 | 36,5 | 4,74 | 3,06 | 0,070 | 5,927 | 0,032 | 0,866 | 0,316 | 45,615 | 7,776 | 0,250 | 0,921 | 0,072 | 6 | 0,119 | 15,237 |
| Volos | 40 | 52,49 | 39 | 4,83 | 3,87 | 0,045 | 2,630 | 0,012 | 0,282 | 0,041 | 30,169 | 4,622 | 0,171 | 0,618 | 0,035 | 13 | 0,036 | 6,981 |
| TP32 | 40 | 97,24 | 19,5 | 3,60 | 2,84 | 0,082 | 2,649 | 0,148 | 0,277 | 0,108 | 11,722 | 5,824 | 0,365 | 0,973 | 0,082 | 5 | 0,178 | 9,885 |
| Stratoni | 45 | 85,79 | 11 | 2,06 | 2,79 | 0,050 | 1,452 | 0,140 | 0,188 | 0,022 | 6,690 | 5,600 | 0,324 | 1,394 | 0,076 | 10 | 0,173 | 7,711 |
| TP16 | 28 | 99,77 | 17,5 | 3,04 | 2,69 | 0,060 | 3,415 | 0,053 | 0,323 | 0,329 | 14,174 | 7,615 | 0,403 | 1,095 | 0,102 | 3 | 0,129 | 17,716 |
| TP10 | 19 | 92,19 | 33,5 | 3,88 | 2,83 | 0,047 | 1,223 | 0,036 | 0,311 | 0,025 | 10,653 | 6,700 | 0,348 | 1,311 | 0,151 | 4 | 0,220 | 26,655 |
| KAV3 | 12 | 67,57 | 33 | 3,82 | 3,33 | 0,060 | 2,943 | 0,180 | 0,492 | 0,172 | 4,104 | 7,002 | 0,475 | 0,819 | 0,054 | 7 | 0,239 | 21,653 |
| Diavlos Thasou | 27 | 39,4 | 42,5 | 5,06 | 3,85 | 0,051 | 2,149 | 0,024 | 0,141 | 0,051 | 13,571 | 6,292 | 0,236 | 0,615 | 0,048 | 10 | 0,103 | 10,027 |
| IG2 | 75 | 47,02 | 32,5 | 4,58 | 3,99 | 0,067 | 1,372 | 0,014 | 0,311 | 0,110 | 40,028 | 6,273 | 0,155 | 0,69 | 0,05 | 22 | 0,054 | 8,277 |
| Souda | 23 | 24,78 | 66 | 4,74 | 3,25 | 0,071 | 1,592 | 0,037 | 0,409 | 0,183 | 18,149 | 5,079 | 0,177 | 1,14 | 0,10 | 19 | 0,031 | 7,453 |
| Messara | 20 | 4,52 | 13 | 3,57 | 4,82 | 0,005 | n.a. | 0,010 | 0,055 | 0,140 | 19,933 | n.a. | n.a. | 0,22 | 0,01 | 18 | 0,047 | 5,138 |
| Moudros | 12 | 30,52 | 55 | 5,20 | 3,46 | 0,039 | 1,928 | 0,012 | 0,122 | 0,024 | 15,960 | 5,343 | 0,234 | 2,959 | 0,160 | 7 | 0,168 | 8,606 |
| Limnos | 37 | 2,01 | 39,5 | 5,01 | 4,80 | 0,033 | 1,136 | 0,010 | 0,271 | 0,031 | 33,174 | 4,164 | 0,148 | 0,155 | 0,000 | 19 | 0,022 | 5,106 |