Elementa: Science of the Anthropocene

Supporting Information for

**Evaluating the effects of land-use change and future climate change on vulnerability of coastal landscapes to saltwater intrusion**

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**Table S1:** Linear regression models relating SIVI and elevation versus water extractable ionic concentrations in soil solution.

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**Table S1:** Linear regression models relating SIVI and elevation versus water extractable ionic concentrations in soil solution.

|  |  |  |  |
| --- | --- | --- | --- |
|  | *r2* | *p* | *Slope* |
| SIVI |  |  |  |
| Cl- | 0.07 | < 0.01 | 28.58 |
| SO42- | 0.06 | < 0.01 | 120.48 |
| Ca2+ and Mg2+ | 0.02 | 0.11 | 2.54 |
| Elevation |  |  |  |
| Cl- | 0.03 | < 0.01 | -14.50 |
| SO42- | 0.03 | < 0.01 | -66.56 |
| Ca2+ and Mg2+ | 0.02 | 0.11 | -2.21 |