

## GRAPHICAL ABSTRACT

### Pollutants May Have Caused Morphological Abnormalities in Some Polychaete Species (Annelida) Collected from Cilacap, Central Java, Indonesia

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#### Left image:

- *Perinereis aibuhitensis* (Grube 1878)

#### Anomalies:

- Reduced eyes
- Presence of digitate branchiae on dorsum

#### Possible cause:

- hypoxic condition



#### Right image:

- *Diopatra claparedii* Grube 1878

#### Anomalies:

- Lack of pro- and peristomial appendages
- Lack of anterior branchiae
- Anomalous dorsal cirri

#### Possible cause:

- Exposure to pollutants, possibly heavy metals