

加納 光樹 (Kouki Kanou)

所属 (Domain) 理学野生物科学領域 (Domain of Biological Sciences)

●研究テーマ (Research theme)

- ①魚類(水産有用種や絶滅危惧種, 外来種)の生態・生活史
(Ecology and life history of fishes including fisheries important, threatened and alien species)
- ②湖沼や河口域, 内湾における魚類の初期生活史
(Early life history of fishes in lake, estuary and inner bay)
- ③湖沼や河口域, 内湾における魚類の生息環境の保全・再生
(Conservation and restoration of fish assemblages and habitats in lake, estuary and inner bay)

①水産有用種や絶滅危惧種を中心に, 魚類の生態・生活史を調べながら, 持続的利用や保全の方策を提案しています。また, 陸水域において在来生物群集に大きな影響を及ぼしうる外来魚について, 生物学的特徴や影響を調査しながら, 効果的な対策手法を検討しています。

We have investigated the ecology and life history of various fishes (e.g., fisheries important and threatened species) in Lake Kasumigaura and Tokyo Bay, eastern Japan. In addition, we have also investigated the life history and control methods of invasive alien species such as channel catfish in Lake Kasumigaura.



②絶滅危惧種や水産有用種を含む仔稚魚の分類学的な研究を行いながら, 湖沼や河口域, 内湾などで各種の仔稚魚の生態を調べています。ヨシ帯や塩性湿地, 干潟域などの浅場が稚魚の成育場として果たす役割についても研究しています。

We have described morphological characters of fish larvae and juveniles including fisheries important and threatened species and examined their ecological features by conducting field survey in lake, estuary and inner bay.

We aim to estimate the roles of shallow water habitats (e.g., reed belt, salt marsh and tidal flat) as juvenile nursery.

③ヨシ帯や塩性湿地, 干潟域, 砂浜海岸などで, 埋立てや護岸工事などの人為的環境改変が魚類群集に及ぼす影響を研究しています。東京湾岸の埋立地においては, 塩性湿地クリークを造成し, 魚類の生息環境を回復させる実験を行っています。

We have investigated anthropogenic impacts on fish assemblage structures in shallow water habitats such as reed belt, salt marsh, tidal flat and sandy beach, in order to develop effective strategies for conservation and rehabilitation of those habits. Furthermore, we have carried out rehabilitation of coastal environment and fish habitat by constructing salt marsh creek in a reclaimed area in Tokyo Bay.



Center for Water Environment Studies

キーワード (Keyword)

魚類 (Fish) 環境保全 (Environmental conservation)

専門分野 (Specialized Field)

魚類学 (Ichthyology)

共同研究可能技術 (Possible Technology of Cooperative research)

魚類の生態調査 (Ecological study of fish)

関連論文・特許情報 website

<https://info.ibaraki.ac.jp/Profiles/17/0001654/profile.html>

(Related articles・patent information)

研究設備 (Research Facility)

各種漁具 (Various fishing gears) 水質計 (Water quality meter)

研究室URL (Lab. URL)

<http://kkano.cwes.ibaraki.ac.jp/index.html>

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