

OUR PROJECTS

Marine Baseline Surveys - Kingdom of Saudi Arabia (KSA)



Project: Jeddah Cruise Hub (2025)

Location: KSA

Client: KAUST - Beacon Development

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

- Coral reef and seagrass community survey.

- Assessment of fish communities.

- Seawater and sediment sampling (in situl ex situl).



Project: Gulf of Agaba - Marine Biota Studies (2024 -

2025)

Location: KSA

Client: KAUST - Beacon Development

Scope:

- Coral reef and seagrass community survey.

- Assessment of fish communities.

- Reef flat ecological survey.



Project: Madaya - Farasan Cable Project (2024 - 2025)

Location: KSA

Client: KEO International Consultants

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

Coral reef and seagrass community survey.

- Assessment of fish communities.

- Seawater and sediment sampling (in situl ex situ).



Project: Amaala Marine Life Operational Facility

(2024)

Location: KSA (Red Sea Project)

Client: KAUST - Beacon Development

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

- Coral reef and seagrass community survey.

- Assessment of fish communities.

- Seawater and sediment sampling (in situl ex situ).

- Intertidal/shoreline survey.







Survey (2024)

Location: KSA - Red Sea GHD Ptv Ltd. Client:

Scope:

- Ground truthing survey (remote video, wading).

- Remote sensing - seafloor habitat classification and mapping.

- Coral reef, seagrass and fish community survey.

- Sampling (seawater, sediment, infauna, plankton).

- Remote Operated Vehicle (ROV) survey to 150 m depth.

- Intertidal/shoreline survey.



Project: Onshore Marina District (2023 - 2024)

Location: KSA - Red Sea

Client: WSP Middle Fast Ltd.

Scope:

- Ground truthing survey (remote video, wading).

- Remote sensing - seafloor habitat classification and mapping.

- Coral reef and seagrass community survey.

- Assessment of fish communities and Mangrove including soil coring (carbon storage).

- Sampling (seawater, sediment, infauna).

Intertidal/shoreline survey.



Project: AMAALA Beach Nourishment Development -

(2023)

Location: KSA - Red Sea

KAUST - Beacon Development Client:

Scope:

- Ground truthing survey (remote video, wading).

- Remote sensing - seafloor habitat classification and mapping.

- Coral reef, seagrass and fish community survey.

- Sampling (seawater, sediment, infauna, plankton).

Intertidal/shoreline survey.



Project: Mudra Island (2023)

Location: KSA - Red Sea

KEO International Consultants Client:

Scope:

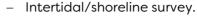
- Ground truthing survey (remote video, wading).

- Remote sensing - seafloor habitat classification and mapping.

- Coral reef and seagrass community survey.

- Assessment of fish communities and Mangrove including soil coring (carbon storage).





- Sampling (seawater, sediment, infauna).



Location: KSA - Red Sea **Client:** GHD Pty Ltd.

Scope:

- Coral reef and seagrass community survey.

- Assessment of fish communities.

- Reef flat ecological survey.
- Sampling (seawater, sediment).
- Intertidal/shoreline survey.



Project: Abu Laheq Overland Crossing (2022 - 2023)

Location: KSA - Red Sea

Client: WSP Middle East Ltd.

Scope:

- Ground truthing survey (remote video, wading).

- Coral reef and seagrass community survey.
- Assessment of fish communities and Mangrove assessment including soil coring (carbon storage).
- Sampling (seawater, sediment, infauna, plankton).
- Intertidal/shoreline survey.
- Underwater noise (installation of hydrophone).



Client: KEO International Consultants

Scope:

- Ground truthing survey (remote video, wading).

- Remote sensing seafloor/terrestrial habitat classification and mapping.
- Coral reef and seagrass community survey.
- Assessment of fish communities.
- Reef flat ecological survey.
- Intertidal/shoreline survey.



Project: Abu Laheq Island - Phase I and II (2021 - 2022)

Location: KSA - Red Sea

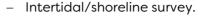
Client: WSP Middle East Ltd.

Scope:

- Ground truthing survey (remote video, wading).

- Remote sensing seafloor habitat classification and mapping.
- Coral reef and seagrass community survey.
- Assessment of fish communities and Mangrove including soil coring (carbon storage).
- Sampling (seawater, sediment, infauna, plankton).





- Terrestrial noise survey.



Location: KSA - Red Sea **Client:** 5-Capitals

Scope:

- Coral reef community survey.

- Assessment of fish communities.

- Reef flat ecological survey.

- Sampling (seawater).



Project: Jabal Al Leith - Project Oval (2021)

Location: KSA - Red Sea

Client: WSP Middle East Ltd.

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

- Coral reef and seagrass community survey.

- Assessment of fish communities.

- Sampling (seawater, sediment, infauna, plankton).



Project: Juman Island Development (2021) **Location:** Tarout Island - Arabian Gulf

Client: Clean Environment Technologies (CET)

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

- Seagrass community survey.

- Mangrove assessment.

- Sampling (seawater, sediment, infauna).

Intertidal/shoreline survey.



Project: King Abdulla Economic City (2008)

Location: KSA - Red Sea

Client: 5-Capitals on behalf of EMAREEC

Scope:

- Ground truthing survey (remote video, wading).

 Remote sensing - seafloor habitat classification and mapping.

- Terrestrial ecological survey.

- Coral reef and seagrass community survey.

- Assessment of fish communities and Mangrove.

- Sampling (seawater, sediment, infauna, plankton).