

CES EXPERTISE IN AQUACULTURE

Aquaculture has the potential to address food security issues in developing countries through the production of locally available, high protein food sources. By applying our broad range of in-house expertise, CES has been well-positioned to provide aquaculture-related advisory services to clients in the public and private sector.

CES SPECIALISES IN ENVIRONMENTAL AND SOCIAL ADVISORY SERVICES

CES has been providing aquaculture-related advisory services for over 20 years and has been actively promoting awareness of sustainable development and advising of the associated risks among public and private sector clients.

The Food and Agriculture Organisation (FAO) has stated that aquaculture is one of the fastest growing food production systems in the world, with the bulk of its output currently being produced within developing countries. The global trend in the growth in the aquaculture industry show potential for aquaculture to continue its contributions to food security and poverty alleviation in the future. Africa is well positioned to address the threats towards food security through the development of aquaculture production systems due to the receptive market to aquaculture products and ideal environmental conditions for the production of native species.

South Africa has come a long way in developing the aquaculture sector. South Africa has both marine and freshwater aquaculture sectors that supply both the local and international markets. The development of aquaculture in South Africa was prioritized under Operation Phakisa with the sector being granted Presidential prioritization. As a result, an increased interest in investing in aquaculture in South Africa has led to the development of feasibility studies and project proposals for a number of aquaculture activities around the country.

It is vital that the aquaculture industry is developed in a sustainable manner that both responsibly utilizes and supports natural and social resources.

The responsible and sustainable development and management of aquaculture activities in Africa and South Africa is based on effective implementation of legislation and regulations and creating a sense of custodianship amongst all role-players in the aquaculture sector.

Much of this work has focused on public and private sector clients where we have assisted in the identification of environmental and socio-economic risks and the development of mitigation strategies to respond to these risks.

For more information see www.cesnet.co.za

SELECTED ENVIRONMENTAL PROJECTS SPECIFIC TO AQUACULTURE

- ✓ Environmental Impact Assessment for an Aquaculture Development Zone in the East London Industrial Development Zone.
- ✓ Environmental Impact Assessment for an Aquaculture Development Zone in the Coega Special Economic Zone.
- ✓ Environmental Impact Assessment and Post-EIA services for a tenant in the East London Industrial Development Zone.
- ✓ Environmental Impact Assessment for the Hamburg Aquaculture Project in the Eastern Cape.
- ✓ Environmental, social and heritage scoping study for a proposed abalone production facility near Oyster Bay in the Eastern Cape.
- ✓ Environmental Impact Assessment and Post-EIA services for an Aquaculture Development Zone in Qolora for National government.
- ✓ Environmental scoping study for a proposed aquaculture development at Buffeljags in the Western Cape.
- ✓ Environmental Impact Assessment for an aquaponics facility at the Mthatha Dam.
- ✓ Various Environmental Impact Assessments for an abalone farm in Haga Haga in the Eastern Cape.
- ✓ Feasibility Study for the proposed development of cage farming operations in the Port of Richards Bay for National government.
- ✓ Feasibility Study for the proposed development of a multi-species hatchery in the Eastern Cape for National government.
- ✓ Feasibility study for the development of an aquaponics investment hub in a Special Economic Zone and the Eastern Cape for Provincial government.
- ✓ An audit of aquaculture infrastructure available at training institutes, colleges and universities around South Africa.

