

Knowledge management in modern aquaculture

Abstract

Aquaculture production has jumped from less than a 10% contribution to the world's supply of food fish three decades ago to almost 50% as of today. If this demand-driven trend continues, an additional 30 million tonnes will be needed by 2020. Knowledge management and acceptance of the actionable management options will be helpful in attaining this target. Managing knowledge efficiently and effectively is challenging but is necessary to fast-track progress by making use of research findings. Knowledge management will take the innovations to the production sector and mobilize evidence-based research to address problems constraining the development of aquaculture. The rationale of knowledge management and tools that can be deployed to disseminate knowledge are elaborated in this chapter. How the academia–industry interaction can shape modern aquaculture and what roles the aquaculture incubators can play in this context are also discussed.