



**KCSAP COLLABORATIVE APPLIED RESEARCH GRANTS
AWARDED SUMMARY PROPOSALS**

SECTION 1: LEAD INSTITUTION AND PRINCIPAL INVESTIGATOR (PI) PARTICULARS		
1.1	LEAD INSTITUTION:	Kenya Marine and Fisheries Research Institute
1.2	Principle Investigator: Dr. Cecilia Muthoni Githukia	
	<i>Name:</i> Cecilia Muthoni Githukia	
1.3	Mailing Address:	P.O Box 3259-40200, Kisii, Kenya
1.4	E-Mail Address:	cmuthoni230@gmail.com
1.5	Collaborators and their affiliate Institutions	
		1. Dr. Maureen Cheserek - Department of Human Nutrition, Egerton University, 2. Mr. Dennis Otieno, KMFRI
SECTION 2: PROJECT PARTICULARS		
2.1	PROJECT No. & TITLE:	AR02/4/4: Development of novel nutrient-rich fish products for food and nutritional security
2.2	KCSAP Livestock Value Chain (i.e. Dairy, Red Meat, Indigenous Chicken, Apiculture, Aquaculture including Animal Health and Pastures and Fodder:	Livestock and Aquaculture
2.3	Value Chain:	Aquaculture Value Chain
2.4	Location (Area)	Siaya and Kakamega Counties
2.5	Duration in Years: - (Not more than 20 Months)	

	Date of Commencement:	Expected Date of Completion:	Total Duration in Months:
	01.04.2020	31.12.2021	20 months
2.6	Total Cost of the Project (KES):	KES 4,999,147	
3.1	Executive Summary	<p>The consumption of fish during the first 1000 days is positively associated with increased growth and cognitive development and with improvement in the overall health and nutritional status of women and children. Despite the rich nutritional value of fish, intake by pregnant and lactating women, especially among the poor is low, and infants and young children are often not fed with fish. To increase consumption of nutritious fish in the first 1000 days of life, this project aims to develop novel fish-based products and make them accessible to women and children to address nutrition gaps in Siaya and Kakamega Counties.</p>	