

must be overcome by education and demonstration. The FRB provides the information needed to improve efficiency.

Because of the unequal distribution of world wealth, there exist pockets of plenty, as in Canada. In the struggle between East and West there is no doubt that we shall be increasingly supplying other countries with food, of which the most critical shortage is of edible animal protein. Canada has untapped reserves of aquatic animal protein to meet export demands, if this resource can be cropped and marketed at competitive world prices.

Why has fisheries research lagged behind agriculture in its practical accomplishments? The main reason is the disparity in effort applied to the two fields. Most of the provinces in Canada have a major educational institution or government division devoted to training people for, and carrying out research in, all aspects of agriculture. The majority of the universities and colleges in the United States (excluding the Atlantic seaboard universities) were founded as agricultural and mechanical institutes under the college land-grant system, indicating the extent of their early national interest in agriculture. Many private companies devote large sums of money to effective research in agriculture, resulting in improved machinery, fertilizers, feeds, crops, and methods. Research in fields not directly related to or connected with agriculture, meteorology and climatology among others, make important contributions to agriculture. The gratifying progress in agriculture speaks well for the scientific approach and augurs well for what can be done if a comparable level of well planned research activity is achieved in fisheries.

Fisheries science has received earnest attention from a very few countries, much of the effort being in the recent past. Fisheries research in Canada is carried out almost exclusively by the Federal Government, and even now at a modest level. The Federal Department of Agriculture, which carries out approximately 70% of the agricultural research in Canada, devotes four times as much money to this as is spent on fisheries research.