

---

## EPRA INTERNATIONAL JOURNAL OF ECONOMICS, BUSINESS AND MANAGEMENT STUDIES

ISSN: 2347- 4378, InnoSpace, (SJIF) Impact Factor: 3.957 (Morocco)

Vol-4 | August – July | 2016-17

# FARMERS' ADAPTATION BEHAVIOR TO OVERCOME THE NEGATIVE IMPACT OF CLIMATE CHANGE ON CROPPING PATTERN: A STUDY IN NAGAPATTINAM DISTRICT, TAMIL NADU

**R.Dharmadurai<sup>1</sup>**

<sup>1</sup>Research scholar in Economics, Annamalai University, Annamalai Nagar, Tamil Nadu,  
India.

**Dr.I.Sundar<sup>2</sup>**

<sup>2</sup>Associate Professor and Economics Wing Head, Directorate of Distance Education,  
Annamalai University, Annamalai Nagar, Tamil Nadu, India.

### ABSTRACT

In order to overcome the negative impact of climate change on agriculture, development of adaptation behaviour on the part of the farm households is very essential. The sustainability of farm households' cropping practice depends on development of alternative farming practice to overcome the negative impact of the climate change on agriculture. This paper deals with adaptation behavior of the farm households of Nagapattinam district to overcome the negative impact of climate change on cropping pattern on the basis of 20 indicators. This paper concludes with some interesting findings along with policy suggestions.

**KEYWORDS:** climate change, agriculture, monsoon, crop production, drought