



Name	FAISAL IDREES
Current workplace	FINANCE DIVISION
Current position	SECTION OFFICER

A. Introduction

1. Could you mention about your responsibilities at current work place?

I am dealing with policy matters of State Bank of Pakistan and Prime Minister's microfinance program "Kamyab Pakistan Program"

2. Could you describe the implementation situation of acquired knowledge from Japan at your work place?

I am using the research and analytical skills acquired in Japan to my work in Finance Division.

3. Could you explain how your study field in Japan fits with the current development issues in Pakistan?

I did research in Japan on effects of temperature shock on electricity consumption in developing countries. My current assignment is not directly related to this subject

Please summarize your introduction **within 10 lines** in maximum.

I am Faisal Idrees from the Office Management Group of the federal government. My career will be spent in the federal ministries and departments at mid to senior management positions. Presently, I am serving in Finance Division in the Banking Wing and under going a mandatory promotion course. Soon I will be promoted to the rank of Deputy Secretary.

B. Summary of Master Thesis

Field of Study in Japan : Energy Economics
University Name in Japan : Hiroshima University
Title of thesis : Asymmetric Response of Electricity Consumption to
Temperature Shock

Please summarize your Thesis within 20 lines in maximum.

The linkages between climatic variation and energy consumption are not known with equal certainty. Literature on this subject is not very extensive. Research on finding effects of climatic and weather shocks on energy consumption aggregated over all the sectors of economy is sparse. We tried to explore how energy consumption responds, in the short run, to temperature shocks in the developing countries and see how this response differs in tropical and non-tropical climate. For this study we employ Local Projection (LP) model, proposed by Jorda' (2005). We carried out our analysis using LP model utilizing data from 73 developing countries, categorized into tropical and non-tropical countries, over a span of 41 years (1974-2014). The analysis was done in three steps. Firstly, we used baseline model which utilized temperature shock without categorizing it into positive and negative temperature shock. Secondly, we use asymmetric model by decomposing the temperature shock into positive and negative temperature shock. Thirdly, we construct dummy positive and dummy negative temperature shock and introduce it to asymmetric model. Our research leads to three results, namely;

- i. The baseline model shows no significant response of energy consumption to temperature shock.
- ii. For tropical countries asymmetric model shows negative response of energy consumption to positive temperature shock only.
- iii. Whereas, in non-tropical countries the asymmetric model shows that response of energy consumption to both positive and negative temperature shocks is not significant.

C. Future Plan

How are you planning to utilize your acquired knowledge from Japan at your current job?

Please summarize your plan within 10 lines in maximum.

Currently, I am undergoing mandatory course for promotion. After promotion I plan to get a posting in Ministry of Energy so that I can put to use the knowledge and skills I learned in Japan.

D. Photo

Please send **your best two** pictures on your academic and daily life in Japan (JPG format)

