

## **STAR GROUP – NEXT MEETING**

The next meeting of the **SCIENCE, TECHNOLOGY and RESEARCH (STAR) GROUP** will be held on **Monday 7<sup>th</sup> January 2019**. The Session will be led by **Ekbal Hussein** who is a friend of a former colleague of **David Highley**.

Ekbal will be giving us a talk called:-

### **Quakes, poverty and corruption: A recipe for disaster?**

#### **Abstract:-**

Since 1900 earthquakes worldwide have been responsible for over 2 million fatalities and caused nearly \$2 trillion of economic damage.

But why do people die in earthquakes? It's not the act of ground shaking that affects people, but the fatal attraction of gravity as buildings and infrastructure crumble and collapse. The death toll for a given earthquake magnitude (and mechanism) will also depend on geographic location, the social vulnerability of communities and the quality of the building stock.

This talk will compare and contrast global trends in earthquake fatalities and aim to extract common themes that exacerbate the impact of earthquake hazards, and consider where and why these turn into disasters.

The latter part of the talk will expand on these themes by exploring the seismic hazard posed to the city of Istanbul.