

by the Federal Reserve Act of 1913, which authorized the establishment of 12 regional Federal Reserve banks, with power to issue two types of currency.

#### C. The Great Depression

The economic depression and the epidemic of bank failures in the early 1930s led to sweeping reforms in the nation's monetary structure.

#### D. Recent Developments

Near the end of World War II most of the Allied nations joined together in a conference held at Bretton Woods, New Hampshire, to set up a new international monetary system, replacing the international gold standard that had collapsed during the Great Depression.

*Нарчилович Е.И.  
ФП, 1 курс, ПВ-1  
руководитель Латыш В.А.*

### **ECONOMICS, SOCIETY AND ENVIRONMENT**

In the second half of the 20<sup>th</sup> century the atmosphere has changed considerably, as a result of man's activities.

A large part of the waste from traffic, industry, agriculture and society in general, is emitted into the atmosphere, where chemicals are transported and transformed before eventual removal. This has given rise to many environmental problems.

There is thus an urgent need to re-assess the activities leading to large releases of material to the atmosphere.

#### Importance of atmospheric change

The factors, which contribute to atmospheric change, have to be studied precisely.

Gaseous pollutants and particulate matters have effects, which can be more or less important at local, regional or global scales.

A similar situation occurs for aerosol particles because of their quantitatively highly uncertain role on regional and global climate, and of their alleged effect on human health in industrial and rural areas. Similarly, emissions of long-lived halogenated compounds in the northern hemisphere have heavily affected the stratospheric ozone layer.

Concerns about the environment are numerous and varied.

In the developing a scientific strategy for the study of chemical and dynamical processes in the atmosphere, a clear link has thus to be

established between environmental issues, man-made activities and scientific studies. In this general frame, four main environmental issues can be presently identified:

- air quality,
- deposition,
- climate change,
- UV radiation and stratospheric ozone.

Let's examine, one by one, the activities:

- energy production and uses,
- road transport,
- aircraft emissions,
- waste handling,
- agricultural emissions and land uses,
- aerosols.

Measurement of solar ultraviolet radiation with high accuracy is still a great instrumental challenge.

Environmental problems must be solved.

*Баркун О.В.  
ФП, 2 курс, ПВ-1  
руководитель Латыш В.А.*

## THE JURY SYSTEM

### I. Introduction.

What is jury?

### II. The history of jury.

How did the jury come to be an important part of American democracy? The development of the jury system through the ages.

### III. Jury Selection Procedures. Four major stages:

i. First stage: a master list is compiled of persons eligible for jury duty.

ii. In the second stage summonses are sent out to a group of randomly selected persons on the master list, asking them to appear for jury duty on a certain date.

iii. In the third stage of jury selection the trial judge or attorneys question the potential jurors in a procedure known as the voir dire.

iv. Final stage of selection, litigants exercise their peremptory challenges.