

## Preface

The annual International Scientific Applied Conference "Problems of Emergency Situations" (PES) is organized by the National University of Civil Defence of Ukraine (Ukraine, Kharkiv). This year, the representatives from the Odessa State Academy of Civil Engineering and Architecture (Ukraine, Odessa) were involved as partners.

More than 400 participants registered for the conference, and 216 reports were submitted. The conference was attended by scientists from 16 countries including Ukraine, Israel, Poland, Turkey, Germany, Sweden, Lithuania, Azerbaijani Republic, Czech Republic, Malaysia, Iraq, Estonia, Italy, Kazakhstan, Nigeria and Slovakia.

The purpose of the conference was to discuss issues related to the problems and prospects of the introduction of the latest developments and technologies aimed at preventing emergencies, minimizing their consequences in the field of civil defence, sharing experience and finding new facets of scientific cooperation, solving problems of recent emergencies that create a global threat to humanity.

The scientific program of the conference included plenary and sectional reports in the following areas:

1. Emergency prevention.
2. Scientific and practical aspects of monitoring and management in the field of civil protection.
3. Emergency response and elimination of their consequences.
4. Chemical technology and engineering, radiation and chemical protection.
5. Environmental safety and labor protection.