

## THE AUTHOR

**M**ircea Manolescu is from Bucharest, Romania, a city with many old, valuable, fragile buildings, situated at the intersection of two seismic faults. In his early years, he lived through a huge earthquake that devastated Bucharest and other major cities in Romania in 1977.

As an engineer, Mircea studied in France, where he received his PhD in construction's equipment domain. While visiting a friend in Romania, he found himself in an old apartment building in the centre of Bucharest, in a building that was predicted to fall in a future earthquake. Suddenly, the building began vibrating and trembling. His first thought was: "Earthquake! This is it!"

But it was only a heavy truck passing by.

In that moment, Dr. Manolescu asked himself for the very first time, "What would I have needed in order to survive an earthquake?" (He has asked himself the same question in his work many times since.)

In the years that followed, he began developing innovative solutions for just that purpose: The survival of major disasters at home, in the office, at school and in industry. Some of his solutions were concretized or transformed into different inventions and presented to the most prestigious Exhibitions of Inventions in the world, such as in Pittsburgh (the most important inventions fair in the world), Geneva, Brussels, Bucharest, Taipei, Seoul, and Moscow. He received many gold medals, first place prizes, and merit diplomas for his innovations.

Dr. Manolescu was awarded the Gold Medal distinction at INPEX Pittsburgh/ Pennsylvania (the largest invention contest in the world), as well as the Outstanding Inventor diploma by the World Intellectual Property Organisation (the highest recognition in the world for inventors), the Merit of Inventors in the Commander degree by the Mayor of Brussels (Belgium); the Leonardo da Vinci medal, and the EMERCOM medal (from the Emergency Situations Russian Federation Ministry), to name just a few of his personal milestones.

He was elected the President of Romanian Institute for Advanced Studies and Research Association, President of RoBizArt Association, Vice President of the Romanian Forum of Inventors, and Vice President of the Volunteer Rescuers for the Emergency Situations Association from Romania.

In order to sustain and spread his work and research, Dr. Manolescu has published many articles in professional



magazines from France and Romania, in Romanian publications from the field of installations engineering, in the "Bible" of constructions planners and builders, and in the Fire Department publication, with the occasion of international conferences.

Today, Dr. Manolescu helps people prepare for the future major earthquake and other disasters, and he has started implementing his anti seismic protection systems in homes and civil buildings, as well as in schools, universities, office buildings, small companies, public administration buildings, and industry buildings and factories. The National Bank of Romania is protected with one of his systems, as well as the Romanian Banks Institute, IBM headquarters, the Knights Templar headquarters, The Traditional Scottish Rite headquarters, and many other such places. He has been interviewed by major channels and international publications, appeared in numerous TV shows, including "The Professionals," a popular Romanian talk show, and continues to stay involved in finding solutions for emergency situations that need his expertise.