

DR. HOREA SANDI
AT THE CELEBRATION OF HIS 80th
ANNIVERSARY



We have the great honour and pleasure to devote the 2 / 2011 issue of the „CONSTRUCȚII” journal to the 80th anniversary of Dr. Horea SANDI, a major personality of the Romanian earthquake engineering and an active and exigent member of the Editorial Board of our journal. It is a fully justified motivation for the slight delay in editing the 2 / 2011 issue – the responsibility of which the editorial college takes – as this is an issue of exception honoured by the anniversary of two exceptional scientific personalities, Dr. Horea SANDI and Prof. Jacob Moiseevich EISENBERG.

Dr. Horea SANDI, honorary professor, PhD supervisor and doctor Honoris Causa of the Technical University of Civil Engineering Bucharest, UTCB, is an honorary researcher of the “Sabba S. Ștefănescu” Geodynamics Institute of the Romanian Academy, IGAR, and the president of the Civil Engineering and Urban Planning Section of the Academy for Technical Sciences of Romania, ASTR.

In 1958 he started his activity at INCERC as a scientific researcher. He pursued his career in the institute, over the years, as, successively, senior scientific researcher, head of Laboratory, head of Division, president of the Scientific Council and scientific coordinating advisor in earthquake engineering, until 2001. He also held the positions of senior scientific researcher at IGAR, member of ASTR, and, up to the present day, vice-president of the Civil Engineering and Urban Planning Department of ASTR.

Dr. Horea SANDI is, probably, the most representative Romanian researcher in Civil Engineering of the last 50 years, a name that is well-known and highly respected in the European and worldwide Earthquake Engineering scientific community. He is the author of two formative books of an exceptional value: “Matrix Methods in Structural Mechanics” (1975) and “Elements of Structural Dynamics” (1983).

During his career, he also held the following positions: lecturer at consecutive sessions of the Earthquake engineering regional seminars organized by the European Association for Earthquake Engineering, EAEE (1973-1989), coordinator of international working teams organized either in the framework of UNDP /UNESCO projects dedicated to the cooperation in the field of seismic hazard and risk mitigation in the Balkan region, or by the European Association for Earthquake Engineering (since 1981), as well as UNIDO and UNDRRO consultant on seismic hazard mitigation projects (1983-1986). He was a vice-president of the European Association for Earthquake Engineering, EAEE (1982-1986).

Among the main scientific fields and activities outstandingly addressed and represented by Dr. Horea SANDI are to be mentioned: structural dynamics; dynamic interaction phenomena; experimental research on the dynamic behaviour of structures; stochastic models of the seismic motion; seismic motion modelled as an asynchronous support excitation for building structures; automation of engineering calculations; structural safety and risk analyses; quantification of seismic motion intensity; seismic hazard analyses; syntheses of experience from strong earthquakes; applicative engineering analyses, technical consultancy; contributions to the development of the regulatory basis in the field of earthquake engineering, state-of-the-art reports, seismic mitigation strategies.

In January 2007, Dr. Horea Sandi's 75th anniversary was celebrated by a festive meeting of the INCERC Scientific Council, during which he was awarded the Honorary Plaque for the outstanding scientific research activity at the institute and the fundamental contributions in the development of earthquake engineering. At the festive meeting of January 19, 2012, organized by the General Association of the Engineers of Romania, AGIR, he was awarded by the National Research and Development Institute „URBAN INCERC” the Honorary Plaque for the excellent scientific research activity at the institute and the fundamental contributions in the development of earthquake engineering in Romania, in Europe and internationally.

The AGIR publishing house honoured the festivities dedicated to Dr. Horea Sandi by publishing, under the aegis of ASTR, two anniversary volumes in English.

Now, on his 80th anniversary, his friends in the Editorial Board of the “Constructii” journal kindly and sincerely wish Dr. Horea Sandi

Many Happy Returns of the Day!

We think that the most beautiful conclusion of the contributions dedicated to the anniversary of Dr. Horea SANDI is the publishing of the lines and thoughts addressed by Dr. Horea SANDI himself to a colleague and friend, Professor Jacob Moiseevich EISENBERG from Moscow, an important Russian researcher in the civil engineering science in the last 50 years and a well-known name in the European and worldwide earthquake engineering community.

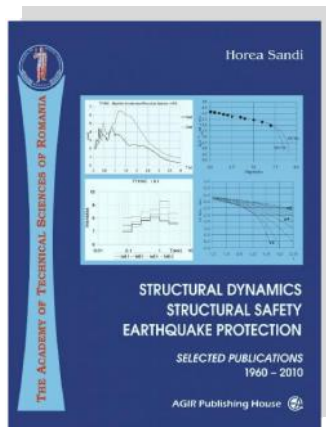
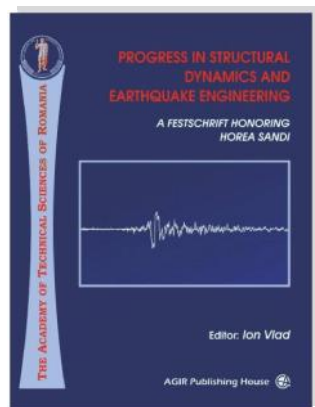


The plaque awarded at the festive meeting of the INCERC Scientific Board of January 19, 2007

*Prof. Dr. Dan Constantinescu,
Editor-in-Chief
February 2012*



The plaque awarded by “URBAN-INCERC” at the festive meeting held at the AGIR Hall, on January 19, 2012



Dr. Horea Sandi and his co-workers at the festive meeting at the AGIR hall on January 19, 2012