

CONSILIUL NAȚIONAL DE ATESTARE A TITULURILOR, DIPLOMELOR și CERTIFICATELOR
UNIVERSITARE (CNATDCU) / NATIONAL COUNCIL FOR ATTESTING TITLES, DIPLOMAS AND
UNIVERSITY CERTIFICATES

RAPORTUL COMISIEI DE ABILITARE / REPORT OF THE HABILITATION COMMISSION
din data de / on 20.11.2014

NUMELE și PRENUMELE candidatului / Candidate's NAME and FIRST NAME prof.univ.dr.ing.RADU
SORIN VĂCĂREANU

Titlul tezei de abilitare / Title of the Habilitation Thesis: Analize probabilistice de hazard, fragilitate și risc
seismic pentru România. Dezvoltări și perspective / Probabilistic seismic hazard, fragility and risk
analyses for Romania. Developments and insights

Direcțiile principale de cercetare / Main research directions:

1. Background of the Romanian Seismic Design Codes. Statistics for sources
2. of seismicity affecting Romania. Ground motion prediction models and
3. selection of C.M.T.E.S. for seismic sources in Romania. Probabilistic seismic
4. hazard assessment for Romania. Fragility functions for representative

Denumirea Instituției Organizatoare de Studii Universitare de Doctorat (IOSUD) unde are loc susținerea publică a
tezei de abilitare / The name of the organising institution for doctoral university studies where the habilitation
thesis is publicly defended – UNIVERSITATEA TEHNICĂ „GHEORGHE ASACHI” DIN IAȘI / „GHEORGHE
ASACHI” TECHNICAL UNIVERSITY OF IAȘI

Punctele tari ale tezei de abilitare / The strong points of the habilitation thesis:

1. The thesis is well structured and well presented.
2. The author possesses a very good knowledge of the domain with a wide
3. spectrum of scientific topics and approaches. The work reaches a
4. comprehensive state of the art and significant contributions for the

Punctele slabe ale tezei de abilitare / The weak points of the habilitation thesis:

1. Further consideration of the Romanian seismic context
2. should be foreseen in different methodological
3. approaches used to evaluate the seismic risk in
4. different parts of Romania and the seismic code

Rezultatul votului / observații / concluziile comisiei de abilitare se motivează în continuare / The results of the vote
/the comments / conclusions of the habilitation commission are motivated as follows:

The candidate fulfills all requirements of
the habilitation procedures. The Commission is
unanimously approving to award the habilitation to
the candidate.

COMISIA DE ABILITARE / THE HABILITATION COMMISSION

NUMELE și PRENUMELE / NAME and FIRST NAME

Semnătura / Signature

Președinte / President TARANU NICOLAE

Evaluator DUBINA DAN

Evaluator PITILAKIS KYRIAZIS

