



VARNA FREE UNIVERSITY  
CHERNORIZETS HRABAR

FACULTY OF ARCHITECTURE  
CONSTRUCTION OF BUILDINGS AND FACILITIES DEPARTMENT



**Gencho Hristov Panicharov**

*assoc. prof., PhD, dipl. eng.*

*Faculty of Architecture*

Varna Free University "Chernorizets Hrabar"  
Chaika Resort, 9007 Varna, Bulgaria

Room: A-234

Phone : + 359 52 359 882; mob. +359 879 364 358

E-mail: dr\_panicharov@abv.bg

Reception days: all week

**EDUCATION**

- Engineer - KPI, Kiev, USSR
- PhD - MEI, Moscow-affiliate NTUU CPI, USSR

**EXPERIENCE**

- designer energy construction
- teacher

**RESEARCH**

- Prevention of structurally unstable earth: landslides, abrasions, erosions
- Energy Efficiency

**PARTICIPATION IN PROJECTS:**

- ISPA project EU: Wastewater treatment plant for wastewater- Varna
- Project of Toshiba Europe: Vibrocontrol of foundations of generators

**CERTIFICATES, SPECIALIZATION, MOBILITIES**

- Vibrocontrol of turbine foundations - Moscow, Russia
- Energy efficiency – Manchester, UK

**NUMBER OF PUBLICATIONS / REPORTS : 30 / 20**

**NUMBER OF CITATIONS : 30.**

**PUBLICATIONS /2009-2013/:**

- Panicharov, Mathematical model of forced vibration of pipelines to power plants and nuclear power plants. Sc. comp. "Strength of materials and theory of structures", NTU, CPI, 2012
- Panicharov G. Solar systems for non-volatile buildings. J. Energy saving number 7, 2012, p. 8-11.

**CONFERENCE PRESENTATIONS /2009-2013/:**

- Panicharov G.H. XV- Jubileuszowe Miedzynarodowe Sympozium "Geotechnika-Geotechnics 2012" Gliwice, Polska, 23-26 pazdziernika 2012, p. 143-149.
- Panicharov G. Dynamic tension in the loess soils. Int. sc. Conf. "Innovative Technologies in the construction", Kiev, 2012, p. 47-53.
- G. Panicharov. Mathematical model of the forced vibrations of a pipeline transporting liquid boiling, intl. NW conference UNITECH, 12, TU Sofia

***MONOGRAPHS, TEXTBOOKS, BOOKS CO-AUTHORED:***

- National Publishing

G. Panicharov. "Industrial Engineering and Sanitary Engineering", ed. "Gea Print, Varna, 2011, 371 p.

- International Publishing

Panicharov G.H. Mechanics of soil. Landslides. Palmarium Academic Publishing, Saarbrücken, Germany, 2012, p. 126.

Panicharov D. Calculation of underground bases on structurally unstable soils of the earth. M. Ed. LAP, Moscow, 2012, 136 p.

Panicharov G. Sructurally unstable soils. 3-D modeling.  
Ed. LAP, Moscow, 2012, 171 p.