

## THE INTERDEPENDENCE BETWEEN NEEDS OF RESOURCES, PRODUCTION STRUCTURES AND SCIENTIFICAL AND TECHNOLOGICAL INNOVATION PROCESS

Gabriel I. NĂSTASE<sup>1</sup>, Dragoș Ionuț G. NĂSTASE<sup>2</sup>,  
Marius Costin V. MANEA<sup>3</sup>

**Rezumat:** *La intersecția a trei zone de mare interes economic, România constituie un punct de legătură vital între țările Europei de Est, Europa Centrală și Asia Centrală, prin coexistența în mod unic a unei serii de elemente favorabile. În acest caz, economia trebuie înțeleasă ca un mijloc de realizare a finalității social umane, a cărei creștere trebuie să fie de tip sociocentric și nu economocentric. De aici necesitatea de a aborda procesele creșterii economice de pe poziții mult mai generoase în sensul depășirii cadrului îngust al triunghiului creștere – resurse – mediu cu un perimetru mai larg al pătratului economic – tehnologie – social – ecologie.*

**Abstract:** *At the intersection of three areas of high economic interest, Romania is a vital connecting point between the countries of Eastern Europe, Central Europe and Central Asia through the unique coexistence of a number of elements favorable. In this case, the economy must be understood as a means of achieving a human social purpose, whose growth must be of sociocentric and not economocentric. Hence the need to approach growth processes economical on much larger positions in going beyond the narrow meaning of the growth triangle - resources - environment with a wider perimeter of square economy - technology - social - ecology.*

**Keywords:** Globalization, sustainable development, scientific and technological innovation, resources, environment.

### 1. Introduction

Due to the changes that occurred after 1989 in social life - political and economic situation of Romania, with the foundations of the new market economy and the handling of economic reforms, there was an evident increase of interdependencies between development economic, technological, environmental protection and social.

---

<sup>1</sup>Conf.univ.dr.Gabriel I. NĂSTASE, Senior Researcher, Head of Department of Finance Department of Faculty Finance, Banking and Accounting, Christian University Dimitrie Cantemir, Bucharest, Corresponding Member of Academy of Scientists from Romania (AOȘR).

<sup>2</sup> Ing G. NĂSTASE Dragos Ionut, Senior Researcher, Autonomous Nuclear Activities Branch For Nuclear Research Pitesti.

<sup>3</sup> Ing. Marius Costin V. MANEA, Junior Researcher, Faculty of Engineering and Management of Technological Systems, Polytechnic University of Bucharest, Bucharest, marius\_manea86@yahoo.com