Measuring the research outputs of a person, group, institution, country

Why?

- **Person**
  - Accessing higher positions
  - Accessing research funds
  - Comparison of the activity relative to the peers
- **Group**
  - Capacity of perform strong R&D activities
  - Capacity to deal with a certain number of topics
  - Capacity to sustain a center of excellence

Why?

- Institution
    - Indicator for the quality of the activities in research or academic institutions
    - Differentiated funding at national level
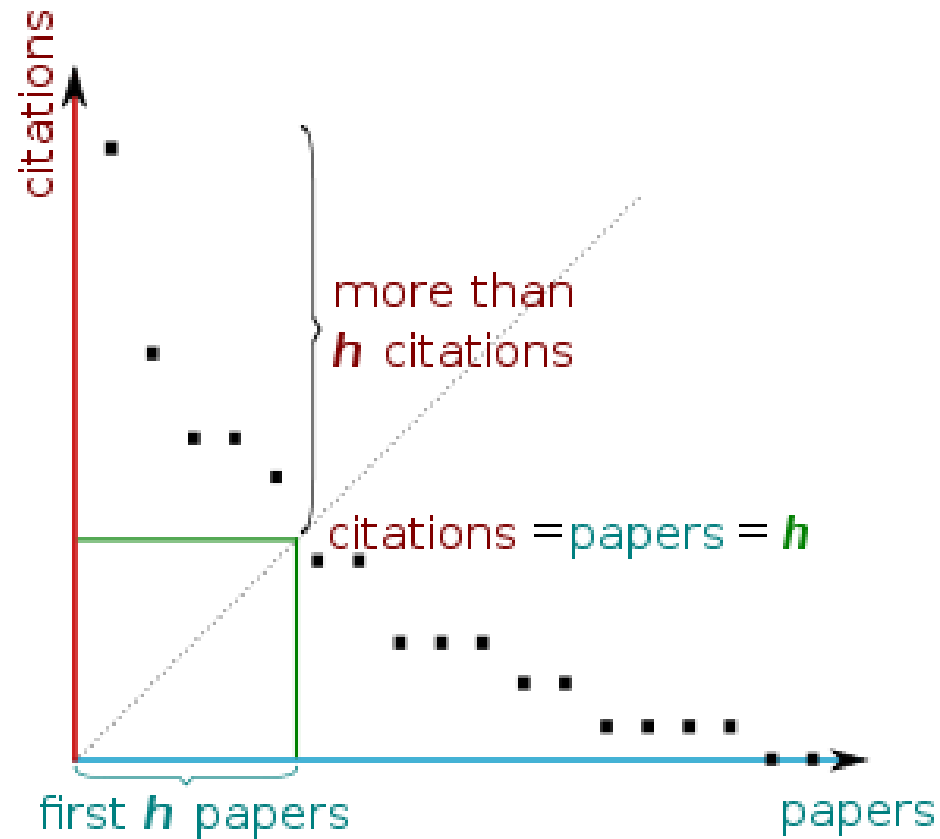   - Investments in most promising fields
- Country
    - Results of the investments in R&D activities
    - Priorities in the R&D investments
    - Positioning in the world of the national R&D activities

Basic indicators

- **Numbers of**
  - Publications in
    - Journals, proceedings, chapters, books, tech.reports
  - Research projects
- **Quality**
  - Citations
  - Invitations:
    - event/seminar talks, membership in organisations, committees, representation
  - H-index, i10-index, g-index etc

H-index

Examples

- Current criterias for evaluating Romanian academics

  http://informatica-universitaria.ro/ppages/16/

- Current criterias for evaluating Romanian universities:

  http://www.cnfis.ro/raportare2017-activitatea-de-cercetareperformanta-artistica-sportiva/

- Current criterias for evaluating universities world-wide

  http://www.shanghairanking.com/