



Impact of Sanctions Regime on Science and Scientists

Science and Scientific Production in ME
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Science versus Knowledge

- Be aware of not taking knowledge(علم) for science(علم)!
- There is no sanction on knowledge but on science!
- Be aware of not taking any science educator for a scientist. The science educator is not sanctioned but the scientist maybe!



Science as a social activity

Modern science is based on two basic concepts:

- Scientific Community;
- Scientific Discourse.



Farhad Khosrokhavar, Shapour Etemad, Masoud Mehrabi, *Report on Science in Post-revolutionary Iran*

Part I: Emergence of a Scientific Community? Critique, vol. 13, n° 2, 2004 pp. 209-224;

Part II: The Scientific Community's Problems of Identity, Critique, vol. 13, n° 3, 2004 pp 363-382;

Part III: Farhad Khosrokhavar and R. Amin Ghaneirad: Iran's New Scientific Community; Iranian Studies, June 2006.



Impact of Sanctions on what part of science?

Science includes very diverse activities, institutions, and policies within the scientific community and scientific discourse.

We try to look at some of them and ask for the impact of sanctions on it.

Note that the lack of a scientific community does not mean none of its ingredients is existent.



Impact of Sanction on different aspects of science-1

Funding Research and Development:

- has accelerated the increase of funding!



Impact of Sanction on different aspects of science-2

Policy making:

➤ encouraging!



Impact of Sanction on different aspects of science-3

Political Patronage and Scientific Enquiry:

- highly encouraging



Impact of Sanction on different aspects of science-4

Institutional Development:

- highly encouraging



Impact of Sanction on different aspects of science-5

Gender Equality:

➤ encouraging



Impact of Sanction on different aspects of science-6

Educational Reforms and Higher Education-
Scientific Production Nexus (Shift of Colleges to
Universities):

➤ accelerating



Impact of Sanction on different aspects of science-7

Knowledge Production:

- partially severe restriction and at the same time increasing the knowledge production.



Impact of Sanction on different aspects of science-8

International Collaboration:

➤ mildly affected.



Impact of Sanction on different aspects of science-9

Regional Collaboration:

- very diverse effect. Mostly increased



Impact of Sanction on different aspects of science-10

Science, Innovation and Islam:

- increasing effect on rethinking of how to face modernity and modern science



Impact of Sanction on different aspects of science-11

Local versus Global Scientific Production:

- increased the global production



Impact of Sanction on different aspects of science-12

Mobility and Free movement of Scientists:

- more obstacles but at the same time much more effort to override it



Impact of Sanction on different aspects of science: summary

Science in Iran, like the other Moslem countries, has been stagnating, mostly due to the miss-conception of science and identifying it with knowledge. The sanctions regime has initiated a dynamic to start a phase transition to learn how the process of modern science is working within a society.

