



# Samuel Neaman Institute for National Policy Research

December 2014 Edition #18

[WWW.SAMUELNEAMAN.ORG](http://WWW.SAMUELNEAMAN.ORG)

Enclosed please find a list of our new publications. You are invited to visit our web site at [www.neaman.org.il](http://www.neaman.org.il), download and read the recent publications of the Samuel Neaman Institute. In this edition, you may also read about future events at SNI, press coverage of our projects and video clips of important events that took place in the last quarter.

## New Publications

### [Annual Report 2014 Samuel Neaman Institute](#)

The Annual report for 2014 summarizes the Samuel Neaman Institute's activities for this year in a wide range of subjects.

### [Sustainable aquaculture in the Mediterranean Sea](#)

Ofira

Ayalon ,Tammy Trop ,Tzipi Eshet ,Idan Liebes, Efrat Kerem ,Maayan Zerbib ,Noam Mozes ,Yael Kakhal ,Dan Tchernov ,Michal Grossowicz ,Amos Tendler ,Dan Ross

According to the Food and Agriculture Organization (FAO) publication, most of the world fishing areas have been fully utilized or over fished, while demand for seafood (fish, mollusks, crabs and algae) is increasing, due to their nutritional benefits. In order to deal with the global food crisis, and the gap between the quantity supplied by fishing and the demand...

### [Towards evidence based policy in science communication in Israel](#)

Yael Barel, Ayelet Baram-Tsabari, Ran Peleg, Rony Armon, Ayelet Raveh

Modern society presents its citizens with many day-to-day needs that influence the quality of life and are linked to science and technology such as transportation, medical information and nutrition. Given that science is a major facet of modern life, and the mass media are its greatest form of dissemination, it is crucial to examine what information is conveyed to the public via the media...

### [How to bring Haredim to science and technology?](#)

Reuven Gal

The purpose of this report is to point at the factors which may enhance the integration of young Ultra-Orthodox men and women into scientific and technological occupations, in Israel.

The background is, on the one hand, the increasing deficit of manpower in the hi-tech industry and R&D, and, on the other hand, the enormous potential within the U-O community and the fast-moving transformation taking place there...

### [Massive Online Courses – Disruptive Innovation at the Universities?](#)

Uri Kirsch

The object of this study is to investigate and clarify, various aspects related to Massive Open Online Courses (MOOCs) which have been developed recently. The present state is described, and attempt has been made to evaluate future developments in general, and their effect on higher education in particular. Issues related to economic, social and academic aspects are discussed. To get a wide view on the complexity of these issues, diverse views and their rationale are presented.

### [R&D Activity, infrastructures and human resources in the civil space sector: Academy, Industry and education system in Israel](#)

This work was commissioned by the National Space Committee, the National Council for R&D. The objective of this study is to provide data and information to all entities operating in the field of space R&D on their role and the status of personnel and infrastructure at their disposal, in order to help the NCRD formulate a national plan for the development, preservation...

### [Survey to examine difficulties of nano technology transfer from the academy to industry](#)

Daphne Getz, Vered Segal, Bahina Eidelman, Oshrat Katz Shacham

SNI won a closed tender to perform a study for the Chief Scientist and INNI, designed to examine the difficulties of Nano technology transfer from the academy to implementation in the Israeli industry and to propose possible ways to overcome them.

The study was based on structured interviews with stakeholders, survey distribution among researchers of the Nano centers and the Israel Nano conference participants, collection of data from the nanotechnology centers regarding the scope of the nanotechnology research and its outputs....

### [Energy Forum 34: Combined Heat and Power Generation](#)

Gershon Grossman, Yigal Evron

In electric power generation using high temperatures (typically by burning fuels or by nuclear fission), a large portion of the heat is rejected at a lower temperature. The amount of heat rejected, perceived as 'waste heat', is determined by thermodynamic principles and is, among other considerations, dependent on the operating temperature, as will be explained below...

## Coming Events

### [The Samuel Neaman Annual Lecture](#)

Lecturer: **Mr. Guy Rolnik**

Subject: **political economy & the captive regulator – lessons from "The Silver Platter"**.

(the Lecture will be in Hebrew)

**Early registration ensures a spot at the conference!**

### [Previous Events](#)

## News

[Prof. Ofira Ayalon was interviewed for the radio program "On the way to nature" at Reshet Bet about the gas outline](#)

15.08.2015

[Parents at all costs - A series of articles on Channel 10 News, with the participation of Dr. Tamar Almog, Head of People Israel Project of SNI](#)

21.07.2015

[Think-tank on "innovative forms of tenure for affordable housing" was held at the Samuel Neaman Institute](#)

19.06.2015

[Prof. Shlomo Maital will deliver a lecture at Israel Growth Conference - raising international successes, Stock Exchange, Tel Aviv](#)

01.06.2015

[Dr. Gilead Fortuna participated in the session 'the next decade in teaching and research' at the jubilee conference of the Israeli Association of Chemical Engineering](#)

26.02.2015

[As part of concluding phase I of the "Twinning Project", recognition awards were granted for organizations reporting their greenhouse gases to the voluntary reporting mechanism](#)

24.02.2015

**For more news**

## In the News

["It is not profitable for women to work in the high-tech sector in Israel": the amazing wage differences of the Start-Up Nation](#)

18.06.2015

[Manufacturers Association: "The cancellation of excise exemption on biodiesel industry will bring to it destruction"](#)

16.06.2015

[EAPC leak damage: more than half a billion shekels](#)

15.06.2015

[Norwegian Lesson in the gas industry](#)

11.06.2015

[The Government should encourage the use of co-generation](#)

10.06.2015

[On the way to Dehydration: Is it possible to save the Dead Sea?](#)

08.05.2015

[Binyamina's Council opposes the railway electrification project](#)

03.04.2015

[Recruiting ultra-orthodox to high-tech: There is still much to do](#)

02.03.2015

[Most Israelis feel unprepared for earthquakes](#)

23.02.2015

[Israel needs ultra-Orthodox engineers](#)

18.01.2015

[Report: fewer students are taking the five matriculation units in physics](#)

11.01.2015

**For more news**

## Video

**For more video recordings**

[Previous Newsletters](#)

[Samuel Neaman Institute link to YouTube](#)



All SNI publications can be downloaded from our website, To view the publication list - [Click here](#)

Technion, Haifa 32000 Israel Phone: 972-4-8292329 Fax: 972-4-8231889 E-mail: [info@neaman.org.il](mailto:info@neaman.org.il)

To remove your e-mail from the S. Neaman Institute mailing list, [Click Here](#)