

CURRICULUM VITAE

(January 1, 2010)

PROFESSIONAL PREPARATION*Undergraduate institution*

Faculty of Agriculture, The Hebrew University of Jerusalem, Rehovot, Israel	Agronomy,	B.Sc. 1976
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Graduate institution

The Hebrew University of Jerusalem, Rehovot, Israel	Phytobacteriology,	M.Sc. 1977
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The Hebrew University of Jerusalem, Rehovot, Israel	Plant pathology,	Ph.D. 1983
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Postdoctoral Institutions

- The Hebrew University of Jerusalem, Rehovot, Israel	Microbial ecology,	1983
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- Department of Plant Genetics, The Weizmann Institute of Science, Rehovot, Israel	Agricultural microbiology	1984
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- Department of Agronomy, Ohio State University, Columbus, Ohio, USA	Environmental microbiology	1988-1989
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SCIENTIFIC POSITIONS AND ACADEMIC RANKS

2003 – present. Scientist-in-Residence; Bashan foundation, Corvallis, Oregon, USA.

Main position.

2008 – present. Professor (University Associate, Research). Department of Soil, Water and Environmental Science. The University of Arizona, Tucson, Arizona, USA.

2007-2008. Visiting Scholar at the rank of Full Professor at the Department of soil, water and environmental science. The University of Arizona, Tucson, Arizona, USA.

1998 - present. Group leader- Environmental Microbiology and Biotechnology, Center for Biological Research (CIBNOR), La Paz, Mexico. (At a rank equiv. to a Distinguished Professor [Professor- Researcher level "D" and "E"]). *Main position.*

1990-1997. Head. Department of Microbiology, Center for Biological Research (CIB), La Paz, Mexico. (At a rank equiv. to a full and distinguished Professor [Professor- Researcher levels "C" and "D"])

1988-1989. Visiting scientist, Department of Agronomy, Ohio State University, Columbus, Ohio, USA.

1985-1987. Scientist, Department of Plant Genetics, The Weizmann Institute of Science, Rehovot, Israel.

HONORARY POSITION

2003 – President. “The Bashan Foundation-for the advancement of science and arts”- Oregon, USA. A virtual international scientific institute supporting graduate students from developing countries, environmental studies and arts.

(www.bashanfoundation.org) Corvallis, Oregon.

RESEARCH FIELDS

Environmental Microbiology, restoration ecology and Biotechnology.

(Plant-microbe interactions in aquatic and terrestrial environments, restoration, reclamation and conservation of disturbed ecosystems, water bioremediation, and soil microbiology).

PRIZES AND AWARDS

(Minor awards are listed in the full CV)

- 2008 - National recognition. Two mangrove ecosystems were declared protected areas on 2 February 2008 by the Federal Government of Mexico under the international treaty of "Ramsar convention on Wetlands". The two ecosystems (the estuary at Balandra and the El Mogote sand bar at La Paz, B.C.S.) were restored in the previous decade by my group.
- 2007- Promotion to the academic rank of "Professor-Researcher level "E". (Equivalent to a senior "Distinguished Professor", highest academic level in Mexico)
- 1991-2017. Selected (four times) by the National Research System (SNI) of Mexico as a "National Researcher level III" (highest).
- 2001 – 2007. Nominated (twice) as "Adjunct Professor". Department of Soil Science and Agriculture Engineering, Laval University, Quebec, Canada.
- 2003 – 2005. Nominated as "Adjunct Professor". Interdisciplinary Center for Marine Sciences, National Polytechnique Institute (Ministry of Public Education), Mexico City, Mexico.
- 1998- Present. Member of the Mexican National Academy of Science.
- 1996- Promotion to the newly created rank of "Professor-Researcher level "D". (equivalent to a junior "Distinguished Professor")
- 1987,1988- Incumbent (twice) of the William T. Hogan and Winifred T. Hogan Career Development Chair. The Weizmann Institute of Science, Israel.
- 1983- The Hebrew University of Jerusalem special award for post-doctoral studies.
- 1980- Cohen prize for plant protection from the Agricultural Research Organization, Ministry of Agriculture, Israel.
- 1977- Graduation with honors, Masters in Science, Faculty of Agriculture, The Hebrew University of Jerusalem, Rehovot, Israel.

SCIENTIFIC PRODUCTION:

- Publications in peer-reviewed journals (Listed in: Journal Citation Reports).

Published and "in press" -	180
Submitted -	11

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| - Book chapters - | 63 |
| - Publications in languages other than English
and popular scientific publications | 58 |

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| - Total number of scientific papers -
(published, "in press" and submitted) | 312 |
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Other academic contributions:

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| - Theses (M.Sc.; Ph.D.) | 2 |
| - Scientific publications in the Internet | 11 |
| - Popular publications in the Internet | 3 |
| - Technical reports for funding agencies | 10 |
| - Presentations in scientific conferences - | 199 |

SCIENTIFIC INTERNATIONAL IMPACT

1980-2008 - **3323 citations** in international journals. (According to Dialog Information System, USA). Citations in 2004 – 2008: **884 citations**.

- **Publication's impact of published, peer-reviewed papers:** 274.461

- **Key note and invited speaker in international and national conferences** (to January 2010): 92 (Only accepted invitations)

Editorial board (13): Biology and Fertility of Soils (2004-present)([Germany](#)), European Journal of Soil Biology (2001-present)([The Netherlands](#)); Annals of Microbiology (2007-2009) ([Italy](#)); International Journal of Molecular Sciences (2007-2011) ([Switzerland](#)), The Open Forest Science Journal (2008-present)([USA](#)), Journal of Biomedicine and Biotechnology (2009)([USA](#)), Revista Colombiana de Biotecnologia (2002-present), Agronomia Colombiana (2008-present) ([Colombia](#)), American Biographical Institute (2002-2007)([USA](#)), Revista Fitotecnia Mexicana (2003-2005) ([Mexico](#)); Wildflower ([Canada](#)) (2001-2004), World Applied Sciences Journal (2006-2008) ([Canada](#)); Microbial Ecology ([USA](#))(1998-2001).

Ad-hoc reviewer of 98 scientific journals and 16 funding agencies. Lifetime referee: 902 papers. Referee in the last 2 years: 86 papers.

ACQUISITION OF EXTERNAL RESEARCH FUNDS

(Not included grants and salaries assigned by the Mexican Federal Government)

Total amount (not including classified grants): 2,530,000 US\$.

INSTRUCTION OF STUDENT'S THESES-

34 theses (Diploma; M.Sc.; D.Sc. and Ph.D.). 28 completed until January 2010.

Supervision of visiting researchers and post-doctoral fellows from other countries and institutions: 20

Supervision of research associates and research technicians: 23.

Personal Website

<http://www.bashanfoundation.org/gmaweb/personal/ibashan.html>

Address for correspondence:

Email: bashan@email.arizona.edu