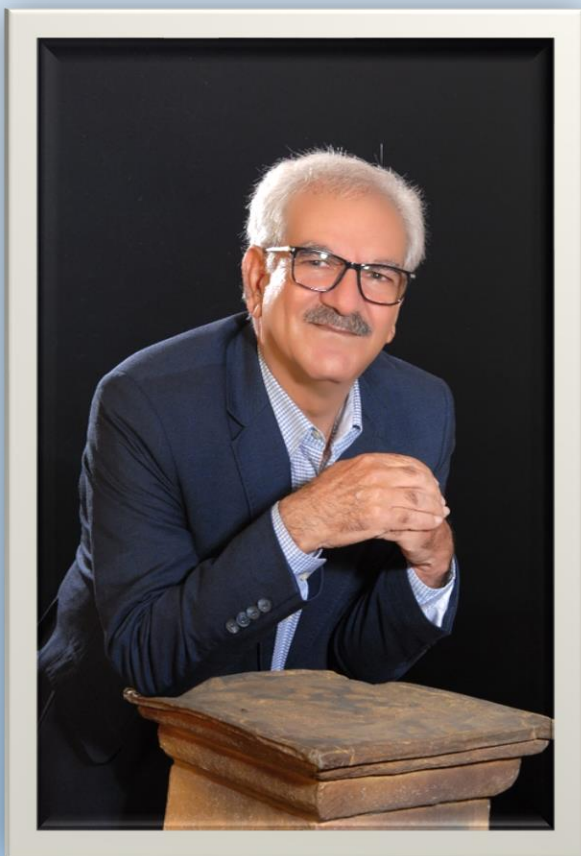




# Curriculum Vitae

(Prof.) Seyed Kazem Alavipanah



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Remote Sensing & GIS

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## **Personal:**

- ✚ Name: Seyed Kazem
- ✚ Surname: Alavipanah
- ✚ Born on 03/08/1958, Abarkooh, Yazd, Iran.

## **Address:**

- ✚ Department of Remote Sensing & GIS
- ✚ Faculty of Geography,
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- ✚ **Website:** <http://alavipanah.ir>
- ✚ **Researchgate:** [Seyed-Kazem-Alavi-Panah](#)
- ✚ **Google Scholar:** [Click here](#)

## **Language:**

- ✚ Persian (mother tongue)
- ✚ English (fluent)

## **Education:**

- ✚ **B.Sc.** Soil science, University of Shiraz, Iran, 1983
- ✚ **M.Sc.** Soil Science (Soil Salinity), Tarbiat Modares University, Iran, 1993
- ✚ **M.Sc.** Soil Science (Remote Sensing and GIS), University of Gent, Belgium, 1995
- ✚ **Ph.D.** Soil Science (Remote Sensing and GIS), University of Gent, Belgium, 1997

## **Awards and Honors:**

1. Certificate of Appreciation by 2<sup>nd</sup> world congress on GIS and Remote Sensing for keynote speaker. 2017, Munich, Germany.



2. Certificate of Appreciation by 1<sup>st</sup> South Asian SURE Conference for keynote speaker. 2017, Pakistan.
3. Distinguished Professor in university of Tehran, 2016
4. Certificate of Appreciation University of Shiraz for keynote speaker, 2016.
5. Certificate of Appreciation by 2<sup>nd</sup> International Geosciences congress for keynote speaker, 2016.
6. Book of thermal remote sensing selected as one of the 80 treasures of university of Tehran press, 2015.
7. Two Quatrain of Khayyam included in Pillar II of World Soil Charter.2014.
8. The Award of Allame Tabatabaei by The President of Islamic Republic of Iran, 2014.
9. Certificate of Appreciation by SMPR (ISPRS) conference for keynote speaker, 2013.
10. Establishment of the first Ph.D course of Remote Sensing & GIS in university of Tehran, Iran, 2013.
11. Editorial Board of Journal of Applied Geomorphology, 2013.
12. Establishment of RS and GIS PhD in geography faculty, University of Tehran, 2012.
13. Erasmus Scholarship from Freie university of Berlin 2012.
14. Selected as the international professor of University of Tehran, 2012.
15. Presenting the theory of “Heat as an Indicator for Intelligence of the World” (relation of time, space, and thermal) for the first in the world, and holding the conference of Heat as an Indicator for Intelligence of the World. 2011.
16. Scholarship from German Academic Exchange Service of University of Gottingen, Germany 2010.
17. Establishment of the first B. S course of Remote Sensing & GIS in university of Tehran. Iran, 2009.
18. Head speaker of EARSEL seminar, 2009.
19. Gaining the position of the first professor of remote sensing in Iran, 2008.
20. The best author in University of Tehran in 2008.
21. Full professor in University of Tehran since 2008.
22. The best book acknowledged by Islamic Republic of Iran ,2007 (Thermal Remote Sensing and its Application in Earth Science).

23. Publication of the book selected as the best in 2007, Thermal Remote Sensing and its Application in Earth Science.
24. Establishment of the first M.Sc course of Remote Sensing & GIS in university of Tehran, Iran, 2006.
25. The best project selected in University of Tehran, 2006.
26. The selected research project titled: "surface temperature of Lut desert" awarded by University of Tehran, 2005.
27. Certificate of Appreciation for the top prominent researcher of Iran by Ministry of Science, Research and Technology of Iran, 2005.
28. The best Professor in University of Tehran in 2005.
29. The selected research project awarded by University of Tehran, 2004.
30. The best researcher awarded by University of Tehran, in 2004.
31. The best scientific research ranked second awarded by University of Tehran, 2004.
32. The best paper presented in Conference of Geomatics in 2002.
33. Cooperation in preparation of the Remote sensing programs of Iran, 2002.
34. The best project in the field of application of RS\GIS awarded by University of Tehran in 2001.
35. The best paper presented in Conference of Geomatics in 1997.
36. Certificate of Appreciation for the best paper in International Conference of Soil Classification, China 1991.
37. The best paper awarded by Vice chancellor of Ministry of Education in 1989.
38. The best paper presented in Varamin City, Iran awarded by Varamin governor, 1989.
39. The best student paper awarded by Isfahan Univesrity, 1988.
40. The best presented paper in Remote Sensing Conference in India, awarded in 1988.
41. The best research project in the country awarded by the Ministry of Labour and Social Welfare, 1988.
42. Acknowledged by the International Conference of Remote Sensing and GIS mapping by the International Institute of Space and Earth Sciences of India and the Netherlands.
43. Certificate of Appreciation for holding the 1<sup>st</sup> Conference on Application of Remote Sensing and GIS in Study about Central parts of Lut Desert, Iran.



## **Work Experiences:**

- ✚ **2004 to present:** The Deputy of post graduate, Faculty of Geographty, University of Tehran, Iran
- ✚ **2003 to present:** Associated professor, Faculty of Geography, University of Tehran, Iran
- ✚ **1998 to 2003:** Deputy of Research, International Research Center for Coexisting with Desert, University of Tehran, Iran
- ✚ **1997 to 2003:** Assistant professor in soil science (Remote sensing, GIS and soil salinity). Iran Desert Research Center, University of Tehran, Iran
- ✚ **1993 to 1997:** Post graduate student for Ph.D in Belgium
- ✚ **1992 to 1993:** Scientific member, Iran Desert Research Center, University of Tehran, Iran
- ✚ **1988 to 1990:** Post graduate student for M.Sc. in Iran
- ✚ **1983 to 1991:** Head of Agricultural department, Ministry of Agriculture (Jihade Keshavarzi), Abadeh, Iran
- ✚ **1990 to 1991:** Range land and Forests Organization, Ministry of Jihade Keshavarzi (Agriculture), Tehran, Iran
- ✚ **2008 to present:** Professor of Faculty of Geography, University of Tehran
- ✚ **2016:** Chair of International summit of health and lifestyles Global Soil Threats.

## **Membership:**

1. Scientific Association of EARSEL.
2. Scientific Association of Desert.
3. Board of Directors of Scientific Association of Iran RS & GIS.
4. Board of Directors of Agriculture of engineering organization (NGO) of Iran.
5. Committee of Natural Resource Planning, Iran.
6. Research council of University of Tehran.
7. The Editorial Board of Biaban Journal (Desert Journal, Iran), University of Tehran.
8. -The Editorial Board of Geographical research, University of Tehran.
9. The high council for Natural Disasters, Ministry of the interior, University of Tehran, Iran.
10. -The Editorial Board of Iran Geology, University of Shahid beheshti.

11. The postgraduate commission of University of Tehran.
12. - The research commission of University of Tehran.
13. Commission of environment, University of Tehran.
14. The research commission of Iran Desert Research Center, University of Tehran.
15. The high council for science and technology of desertification of Iran.
16. The Editorial Board of Olome Zamin, University of Sahid Chamran.
17. Full professor in University of Tehran since 2008.
18. Editorial Board of RS & GIS, University of Shahid beheshti
19. Commission of **Iran's** National Elite Foundation.
20. International UNCCD-Cop10 (United Nations Convention to Combat Desertification), southern Korea.
21. Chairman of the national conference on the application of Remote Sensing and GIS in desert.
22. -The Commission of Iranian Remote Sensing and Geographic Information system society.
23. Human science commission of **Iran's** National Elite Foundation.
24. Selected member of ITPS.
25. Member of FAO.
26. Iran Hazards Advisory Council
27. Geography and Land use Planning and Advisory Council, vice president of strategic monitoring
28. The editorial board of Iran agricultural research, University of Shiraz
29. The editorial board of International Journal of Geo-Science and Environmental Planning
30. American Geophysical Union (AGU)
31. European Geosciences Union

## **Books**

- ✚ So far and so close (searches for a difference of ideas), 2020, Tarfand Publishing.
- ✚ Quantitative remote sensing in thermal infrared theory and application (translated), 2019, University of Tehran.
- ✚ A practical guide to remote sensing (translated), 2019, University of Tehran.



- ✚ Remote Sensing of Vegetation- Principles, Techniques and Applications (translated), 2017. University of Tehran.
- ✚ Remote Sensing Image Fusion (translated), 2019, University of Tehran.
- ✚ Advances in Environmental Remote Sensing Sensors, Algorithms and Applications (translated), 2017. University of Tehran.
- ✚ Fire decryption and Heat phenomenology. 2016. University of Tehran.
- ✚ Science and Love, 2016. Tarfand press.
- ✚ Plan of action for pillar two of the global soil partnership, 2016, FAO.
- ✚ Research methods in Remote Sensing (translated). 2015. University of Tehran.
- ✚ Demystifying fire and phenomenology of heat from ancient to nowadays, 2015, University of Tehran.
- ✚ Status of the World's Soil Resources (Main Report). 2015. Food and Agriculture Organization of the United Nation.
- ✚ Remote sensing of soil salinity (translated). 2014. University of Tehran.
- ✚ Remote Sensing and GIS (translated), 2012. University of Tehran.
- ✚ Fundamental of modern Remote Sensing and interpretation of satellite imagery and aerial photos. 2007. University of Tehran.
- ✚ The application of Information Technology in the earth sciences. 2008. University of Tehran.
- ✚ Thermal Remote Sensing and its applications in the earth sciences. 2006. University of Tehran.
- ✚ The applications of Remote Sensing in the earth sciences. 2003. University of Tehran.
- ✚ Drought Management in The Third millennium.



**Prof. Dr. Seyed Kazem Alavipanah**

### **ABSTRACT**

Prof. Dr. Seyed Kazem Alavipanah received his Master of Science in both remote sensing and GIS and soil salinity in 1995 from University of Gent, Belgium and University of Tarbiat Modarres, Iran. He received his PhD in soil science (Remote Sensing and GIS) in University of Gent, Belgium, in 1997. Prof. Alavipanah is now the head of department of Remote Sensing and GIS in University of Tehran. He has received about 10 awards and honors and issued 10 books mainly on RS and GIS, on art and humanities, and also published about 250 articles and conducted more than 20 projects. He is member of International Desertnet. He has membership in EARSeL, the committee of planning for natural resources of Iran, in high council for natural disasters of Iran, in national institute of Iranian elites and editorial board in many journals. He is also a member of Intergovernmental Panel on Soils (ITPS), and coordinator of World Soil Report of North East and North Africa, FAO-UN. Prof. Alavipanah now as his main expertise is interested in thermal remote sensing with first book published in this field. He has a good understanding and experience in interdisciplinary studies as well as a suitable knowledge about humanities and physical sciences.