

Asst. Prof. ARSEV UMUR AYDINOĞLU

Personal Information

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Biography

Arsev Umur Aydınoglu interdisipliner bir sosyal bilimcidir. Doktora çalışmasını 2011'de Tennessee Üniversitesi'nde tamamladıktan sonra, ABD'de Güney Karolina Üniversitesi'nde ve NASA'da çalışmış, Japonya'da ELSI'de araştırmalar yapmıştır. Araştırma konusu interdisipliner araştırma işbirlikleri olmakla birlikte; sanal takımlar, araştırma verileri yönetimi, astrobiyoloji, hayatın kökleri, karmaşık adaptif sistemler teorisi; değerlendirme çalışmaları, tasarım odaklı düşünce, bilim ve teknoloji çalışmaları ve bilim iletişimi gibi konularda yayın yapmıştır. Türkiye Bilim ve Teknoloji Çalışmaları Ağı kurucu üyelerinden biri ve Blue Marble Space Institute of Science'in üyelerindedir.

Education Information

Doctorate, University of Tennessee, Knoxville, College Of Communication And Information, United States Of America
2007 - 2011

Post Graduate, Gazi Üniversitesi, İletişim Fakültesi, Halkla İlişkiler Ve Tanıtım Bölümü, Turkey 2002 - 2006

Under Graduate, Hacettepe Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, İktisat Bölümü, Turkey 1994 - 2001

Foreign Languages

English, C2 Proficiency

Dissertations

Doctorate, Complex Adaptive Systems Theory Applied to Virtual Scientific Collaborations: The Case of DataONE,
University Of Tennessee, Knoxville, College Of Communication And Information, 2006

Post Graduate, Bir halkla ilişkiler modeli olarak duyuru: TSK brifingleri örneği, Gazi Üniversitesi, 2006

Research Areas

Science and Technological Policy Studies

Academic Titles / Tasks

Lecturer PhD, Middle East Technical University, Graduate School of Social Sciences, Bilim Ve Teknoloji Politikası
Çalışmaları (Y) (Tezli), 2014 - Continues

Medical Doctor, National Aeronautics and Space Administration (NASA), NASA Astrobiology Institute, 2012 - 2014

Assistant Professor, University Of South Carolina, College Of Information And Communications, Library And Information
Science, 2011 - 2011

Research Assistant, The University Of Tennessee, Knoxville, College Of Communication And Information, Information
Science, 2008 - 2011

Professional Experience

Public Information Assistant, World Bank Turkey Office, 2003 - 2007

Courses

HISTORY OF SCIENCE AND TECHNOLOGY, Post Graduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Bibliometrics, Post Graduate, 2018 - 2019, 2019 - 2020

QUALITATIVE RESEARCH METHODS IN SCIENCE AND TECHNOLOGY STUDIES, Post Graduate, 2017 - 2018, 2018 - 2019

KNOWLEDGE, ST IN THE INFO. AGE, Post Graduate, 2018 - 2019

Designed Lessons

Aydinoğlu A. U. , Bibliometrics, Post Graduate, 2018 - 2019

Aydinoğlu A. U. , Qualitative Research Methods in Science and Technology Studies, Post Graduate, 2015 - 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Hidden Concepts in the History and Philosophy of Origins-of-Life Studies: a Workshop Report**
Mariscal C., Barahona A., Aubert-Kato N., Aydinoglu A. U. , Bartlett S., Cárdenas M. L. , Chandru K., Cleland C., Cocanougher B. T. , Comfort N., et al.
Origins of Life and Evolution of Biospheres, 2019 (Journal Indexed in SCI)
- **The role of space in interdisciplinary collaboration in design education**
Kaygan P., Aydinoğlu A. U.
INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, vol.28, pp.803-817, 2018 (Journal Indexed in SCI)
- **Origins of Life Research: a Bibliometric Approach**
Aydinoglu A. U. , TAŞKIN Z.
ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES, vol.48, pp.55-71, 2018 (Journal Indexed in SCI)
- **Research data management in Turkey: perceptions and practices**
AYDINOĞLU A. U. , DOĞAN G., TAŞKIN Z.
LIBRARY HI TECH, vol.35, pp.271-289, 2017 (Journal Indexed in SSCI)
- **Measuring diversity in disciplinary collaboration in research teams: An ecological perspective**
AYDINOĞLU A. U. , Allard S., Mitchell C.
RESEARCH EVALUATION, vol.25, pp.18-36, 2016 (Journal Indexed in SSCI)
- **A Strategy for Origins of Life Research**
Scharf C., Virgo N., Cleaves H. J. , Aono M., Aubert-Kato N., Aydinoglu A., Barahona A., Barge L. M. , Benner S. A. , Biehl M., et al.
ASTROBIOLOGY, vol.15, pp.1031-1042, 2015 (Journal Indexed in SCI)
- **Collaborative interdisciplinary astrobiology research: a bibliometric study of the NASA Astrobiology Institute**
TAŞKIN Z., AYDINOĞLU A. U.
SCIENTOMETRICS, vol.103, pp.1003-1022, 2015 (Journal Indexed in SCI)
- **Data Management in Astrobiology: Challenges and Opportunities for an Interdisciplinary Community**
Aydinoglu A. U. , Suomela T., Malone J.
ASTROBIOLOGY, vol.14, pp.451-461, 2014 (Journal Indexed in SCI)
- **Toward a new understanding of virtual research collaborations: Complex adaptive systems framework**
Aydinoglu A. U.
SAGE Open, vol.3, 2013 (Journal Indexed in SCI Expanded)
- **Data Sharing by Scientists: Practices and Perceptions**

Articles Published in Other Journals

- **Research data management in Turkey: A survey to build an effective national data repository**
DOĞAN G., TAŞKIN Z., AYDINOĞLU A. U.
IFLA JOURNAL-INTERNATIONAL FEDERATION OF LIBRARY ASSOCIATIONS, 2020 (Journal Indexed in ESCI)
- **STS (in) Turkey as Extitution**
Şahinol M., Aydınoğlu A. U. , Kaygan H.
European Association for the Study of Science and Technology Review, vol.37, 2018 (Refereed Journals of Other Institutions)
- **Scientific collaborations as complex adaptive systems**
Aydinoglu A. U.
Emergence: Complexity and Organization, vol.12, pp.15-29, 2010 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **Guide to Mobile Data Analytics in Refugee Scenarios**
Kılıç Ö. O. , Akyol M. A. , Işık O., Günel Kılıç B., Aydınoğlu A. U. , Sürer E., Düzgün H. Ş. , Kalaycioğlu H. S. , Taşkaya Temizel T.
in: The Use of Big Mobile Data to Gain Multilayered Insights for Syrian Refugee Crisis, Salah A.,Pentland A.,Lepri B.,Letouzé E., Editor, Springer, London/Berlin , Zürich, pp.347-379, 2019
- **The Use of Big Mobile Data to Gain Multilayered Insights for Syrian Refugee Crisis**
KILIÇ Ö. O. , AKYOL M. A. , IŞIK O., GÜNEL KILIÇ B., AYDINOĞLU A. U. , SÜRER E., DÜZGÜN Ş., KALAYCIOĞLU S., TAŞKAYA TEMİZEL T.
in: Guide to Mobile Data Analytics in Refugee Scenarios, , Editor, Springer, pp.347-379, 2019

Refereed Congress / Symposium Publications in Proceedings

- **NASA Astrobiology Institute: Supporting interdisciplinary research and education**
Aydinoğlu A. U.
Astrobiology Science Conference, Washington, United States Of America, 24 - 28 June 2019, pp.1
- **Data Analytics without Borders: Multi-Layered Insights for Syrian Refugee Crisis**
Kılıç Ö. O. , Akyol M. A. , Işık O., Günel Kılıç B., Aydınoğlu A. U. , Sürer E., Düzgün H. Ş. , Kalaycioğlu H. S. , Taşkaya Temizel T.
Data for Refugees Challenge Workshop, İstanbul, Turkey, 21 January 2019, pp.19-46
- **Participatory Design Meetings: Genetic Information Included Personal Health Record Application**
ÖZKAN Ö., AYDIN SON Y., AYDINOĞLU A. U. , YALÇIN A., DÖM H. A. , YALDIZ B., NARCI K., BALOĞLU O.
HIBIT 2017, Güzelyurt, Cyprus (Kkct), 28 - 30 June 2017
- **A Conceptual Design for Genetic Information Exchange Coding Standards in Turkey**
ŞIK A. S. , AYDIN SON Y., SOYSAL E., AYDINOĞLU A. U.
HIBIT 2017, Güzelyurt, Cyprus (Kkct), 28 - 30 June 2017
- **Do-it-yourself but do it together: Interdisciplinary Design Studio**
Aydinoğlu A. U. , Kaygan P.
Annual Conference of the Society for the Social Studies of Science , Barcelona, Spain, 29 August - 02 September 2016
- **Do-it-yourself but do it together: Interdisciplinary Design Studio**
Aydinoğlu A. U. , Kaygan P.
Annual Conference of the Society for the Social Studies of Science , Barcelona, Spain, 29 August - 02 September 2016

- **Do you know what a sensor is peer learning in interdisciplinary design teams**

Kaygan P., Grdere S., Aydınođlu A., Kaygan H., Demir .

Interdisciplinary Learning and Teaching: Frameworks and Practice Conference, Sheffield, United Kingdom, 07 April 2016

- **Environmental Researchers' Data Practices: An Exploratory Study in Turkey**

Allard S., Aydinoglu A. U.

3rd International Symposium on Information Management in a Changing World (IMCW 2012), Ankara, Turkey, 19 - 21 September 2012, vol.317, pp.13-24

Other Publications

- **Sosyal Fayda iin Byk Veri Analizi: Suriyeli Mlteciler iin bir Durum alıřması**

Akyol M. A. , Kılı . O. , Tařkaya Temizel T., Aydınođlu A. U. , Srer E.

Other, pp.34-41, 2019

Supported Projects

ERDİL E., AKOMAK İ. S. , AYDINOĐLU A. U. , PAMUKCU M. T. , Project Supported by Higher Education Institutions, nceliklendirilmiř Alanlarda Ar-Ge Proje Destekleri: Bir Etki Analizi alıřması, 2018 - 2019

Invited Congress and Symposium Activities

ELSI Symposium, Invited Speaker, Tokyo, Japan, 2019

5. Ulusal Aık Eriřim Konferansı, Ankara, Invited Speaker, Ankara, Turkey, 2017

EON Workshop on History and Philosophy of Origins Research, Invited Speaker, Tokyo, Japan, 2016

NASA Postdoctoral Program Alumni Seminar, Invited Speaker, California, United States Of America, 2015

Citations

Total Citations (WOS):481

h-index (WOS):5