

## CV

**Name Surname:** Berkay CAMGÖZ

**Birth Date:** 20.06.1975

### Education / Job:

Degree	Department / Program	University	Year
B.S.	Science Faculty/Physics	Ege University	1997
M.Sc.	Institute of Nuclear Sciences / Nuclear Sciences	Ege University	2001
Ph.D.	Institute of Nuclear Sciences / Nuclear Sciences	Ege University	2008
Jobs	Department	University	Year
Research Assistant	Institute of Nuclear Sciences / Nuclear Sciences	Ege University	1999
Associated Professor	Institute of Nuclear Sciences / Nuclear Sciences	Ege University	2012

**M. Sc. Thesis:** For Materials Contains Water And Li, Al, Pb And Cu Examining Of Build Up Factors Change With Effective Atomic Number Using EGS4 Monte Carlo Method.

**Ph. D. Thesis:** Investigating Effect Of Geometrical Variations Of Low Dose Rate (I-125, Pd-103) Brachytherapy Sources On Dose Distribution Using EGSnc Monte Carlo Code

### Publications

\* B. CAMGÖZ, M. M. SAÇ, M. BOLCA, F. ÖZEN, Ö.E. ORUÇ, N. DEMİREL, "Termal Suların Radyoaktivite ve Kimyasal İçeriklerinin İncelenmesi; İzmir, Seferihisar Bölgesi Örneği", Ekoloji (ISI), 78-87 pp., 2010, DOI: 10.5053/[ekoloji](http://ekoloji.2010.769).2010.769 (English translation of caption: "Research of Radioactivity and Chemical Contents of Thermal waters: Izmir Seferihisar District Pattern")

\* M. M. SAC, C. HARMANSAH, B. CAMGOZ, H. SOZBILIR, "Radon Monitoring as the Earthquake Precursor in Fault Line in Western Turkey", Ekoloji (ISI), 9298 pp., 2011, DOI: 10.5053/[ekoloji](http://ekoloji.2011.7912).2011.7912

\* E. Sert, A. Uğur, B. Özden, M. M. Saç, B. Camgöz, "Biomonitoring of 210Po and 210Pb using lichens and mosses around coal-fired power plants in Western Turkey", Journal of Environmental Radioactivity (ISI), 535-542 pp., 2011, DOI: doi:10.1016/j.jenvrad.2011.02.005

\* B. Camgöz, M. N. Kumru, "Investigation of Dose Distribution of TheraSeed 200 103Pd Brachytherapy Seed on Coaxial Cylindrical Phantom Shells Using Monte Carlo Simulation", Annals of Nuclear Medicine (ISI), 371-379 pp., 2011, DOI: DOI 10.1007/s12149-011-0472-4

\* M. M. Sac, E. Yumurtaci, G. Yener, B. Camgöz, A. Uğur, B. Özden, "Soil erosion determinations by using 137Cs technique in the agricultural regions of Gediz Basin, Western Turkey", Environmental Gology (ISI), 477-483 pp., 2008, DOI: DOI 10.1007/s00254-007-0993-2

\* M. Bolca, M.M. Saç, Ü. Altınbaş, B. Camgöz, "Chemical and Radioactivity Effects of Geothermal Springs on Environmental Pollution in Seferihisar Region in Western Turkey", Asian Journal of Chemistry (ISI), 2265-2276 pp., 2007,

\* B. Camgöz, G. Yeğın, M.N. Kumru, "Differential dose contributions on total dose distribution of 125I brachytherapy source", Reports of Practical Oncology & Radiotherapy, 69-74 pp., 2010, DOI: doi:10.1016/j.rpor.2010.04.003

\* B. Camgöz, M. N. Kumru, "Model 6711 Brakiterapi Kaynağının Monte Carlo Simülasyonu Karakteristikleri: Enerji Spektrumu Ve Fantom Büyüklüğünün Etkileri", New World Sciences Academy, 283-292 pp., 2010,

\* B. Camgöz, M. N. Kumru, "Düşük Ve Yüksek Enerjili Gama Işınlmasının Maruz Kalma Yığılma Faktörlerinin Etkin Atom Numarasına Bağlılığı", New World Sciences Academy, 7-17 pp., 2010

\* M. İç hedef, M. M. Saç, B. Camgöz, M. Bolca, C. Harmanşah, "Soil Gas Radon Concentrations Measurements in Term of Great Soil Groups", Journal of Environmental Radioactivity (ISI), 126:165-171pp, 2013

\* M.M. Sac, B. Camgöz, M. N. Kumru "Relationships between Radon Anomalies and Seismic Activities in Tuzla Fault Zone in Western Turkey", , European Journal of Environment (<http://www.ejen.org>) accepted in 2012

\* B. Camgöz, M. N. Kumru A Monte Carlo evaluation for effects of probable dimensional uncertainties of low dose rate, Reports of Practical Oncology & Radiotherapy. Accepted in 2014.

#### **Proceedings**

\* B. Camgöz, G. Yeğın, M.N. Kumru, Nuclear Science and Its Applications Conference: The Fourth Eurasian Conference Nuclear Science and Its Applications, "For Cylindrical Phantom Effects of Phantom Volume on Dosimetric Characteristics of LDR Brachytherapy Sources", 446-448 pp., Bakü, Azerbaijan, Ekim 2006

\* B. Camgöz, G. Yeğın, M.N. Kumru, Nuclear Science and Its Applications Conference: "The Fourth Eurasian Conference Nuclear Science and Its Applications, "Determining Profile of Dose Distribution for Pd-103 Brachytherapy Source", 517-520 pp., Bakü, Azerbaijan, Ekim 2006

\* Y. Camgöz, M. Bayburt, B. Camgöz, Nuclear Science and Its Applications Conference: The Fourth Eurasian Conference Nuclear Science and Its Applications "Developing of an Algorithm for Temperature Control of TLD Systems", 531-533 pp., Bakü, Azerbaijan, Ekim 2006

**\*Note:** There are many national scientific projects (manager and researcher) and national/international scientific presentations in scientific conferences and congress about environmental radioactivity and Monte Carlo- Radiation simulation. They haven't been detailed mentioned here (some of them is in Turkish). Mainly publications were placed into CV of Berkay Camgöz

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url: <http://www.ekolojimagazin.com/> (In Turkish: environmental magazine journal)  
<http://www.ekolojimagazin.com/?s=yazar&id=20> (**Berkay CAMGÖZ** is an author – In Turkish)

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