

## CURRICULUM VITAE

1. **Name Surname:** Atıl BULU
2. **Date of Birth:** 25.05.1949
3. **Department:** Civil Engineering
4. **Education:**

Degree	Department	University	Year
Bachelor	Civil Engineering	Istanbul Technical University	1970
Master	Civil Engineering	Istanbul Technical University	1971
Ph.D.	Civil Engineering	Istanbul Technical University	1975

### 5. Academic Titles:

Title	Discipline	University	Year
Assistant Professor	Hydraulics and Water Resources Engineering	Istanbul Technical University	1987
Associate Professor	Hydraulics and Water Resources Engineering	Istanbul Technical University	1987
Full Professor	Hydraulics and Water Resources Engineering	Istanbul Technical University	1995

### 6. Supervised Master and Ph.D. Thesis

#### 6.1 Title of Master Thesis

Professor Dr. Bulu has supervised more than ten master theses at the Institute of Science and Technology at Istanbul Technical University. He has also supervised five master theses at Kwazulu-Natal University in South Africa between 2003 and 2006.

#### 6.2 Dissertation Title:

Professor Dr. Bulu has supervised a Ph.D. thesis at the Institute of Science and Technology at Istanbul Technical University.

### 7) Publications

#### 7.1 International Refereed Journal Publications

**KLEMES, V., BULU, A.,** “Limited Confidence in Confidence Limits Derived by Operational Stochastic Hydrologic Models”, *Journal of Hydrology*, 42, 1979, 9-22.

**BAYAZIT, M., BULU, A.,** “Complex Markov Models to Simulate Persistent Stream flows”, *Journal of Hydrology*, 103 (1988) 199-207.

**BAYAZIT, M., BULU, A.,** “Generalized Probability Distribution of Reservoir Capacity”, *Journal of Hydrology*, 126 (1991) 195-205.

## **7.2 International Conference Presentations & Proceedings**

**BULU, A.,** “Flood Frequency Analysis Based on a Mathematical Model of Daily Flows”, *III. Int. Hydrology Symp., Colorado, 1977.*

**BULU, A.,** “Dry Period Analysis of Turkish Rivers”, *UNESCO FRIEND-AMHY, Low Flows Droughts Desertification Seminar, Romania, 1994.*

**BULU, A.,** “Reliability Analysis of Reservoir Capacities”, *EGS, Hamburg, 1995.*

**BULU, A.,** “Probability Distribution of Water Storage”, *Statistical and Bayesian Methods in Hydrological Sciences IHP Conference in the Honor of Prof. J. Bernier, Paris, 1995.*

**BULU, A., CIĞIZOĞLU, K., ÇOKGÖR, Ş.,** “Statistical Analysis of Low Flows on Thrace Region”, *UNESCO, FRIEND-AMHY Conference, Thessalanoique, 1995.*

**BULU, A., AKSOY, H.,** “Frequency Analysis of Low Flows on Arid Regions”, *Water and Statistics Conference, August 28-30, Ankara, Turkey.*

**BULU, A., ÇOKGÖR, Ş.,** “Turkey’s Southeastern Anatolia Project: Cause of Conflict Between Turkey, Syria and Iraq”, *IX<sup>th</sup> World Water Congress of IWRA, September 1-6, 1997, Montreal.*

**BULU, A., ÖNÖZ, B.,** “Frequency Analysis of Low Flows by PPCC Test in Turkey”, *FRIEND’97 – Regional Hydrology: Concepts and Models for Sustainable Water Resource Management, IAHS Publication No: 246, 99. 133-140.*

**ADLER, M. J., BULU, A., VUKMIROVIC, V. & RADIC, Z.,** “Regionalization of Droughts in the Eastern Part of the AMHY Area”, *Low Flows Expert Meeting, Unesco, 10-12 June 1998, Belgrade, Yugoslavia, 1-10.*

**BULU, A.,** “Statistical Techniques in Low Flow Hydrology”, *Low Flows Expert Meeting, UNESCO, 10-12 June 1998, Belgrade, Yugoslavia, 31-38.*

**BULU, A. & AKSOY, H.,** “Low Flow and Drought Studies in Turkey”, *Low Flows Expert Meeting, UNESCO, 10-12 June 1998, Belgrade, Yugoslavia, 123-132.*

**BULU, A.,** “International Report on Low and Drought Studies in the AMHY Group of the FRIEND Project”, *Low Flows Expert Meeting, UNESCO, 10-12 June 1998, Belgrade, Yugoslavia, 137-140.*

**BULU, A., AKAR, T., (1998)** “Time Series Modeling of Sediment Discharges”, *XIX<sup>th</sup> Conference of the Danube Countries on Hydrological Bases of Water Management, UNESCO, Osijek, Croatia, 741-747.*

**BULU, A.,** “FRIEND Project”, *Electronic Journal of Civil Engineering, EU, 1998.*

**BULU, A., (1998)** “Frequency Analysis Techniques in Low Flow Hydrology”, *FRIEND-AMHY’98 Annual Meeting, October13-16, Istanbul Technical University, Istanbul, Turkey.*

**BULU, A., AKAR, T., (1998)** “Stochastic Modeling of Sediment Discharges”, *FRIEND-AMHY’98 Annual Meeting, October13-16, Istanbul Technical University, Istanbul, Turkey.*

**BULU, A., AKAR, T., (1998)** “Stochastic Modeling of Sediment Discharges”, *Stochastic Models of Hydrological Processes and Their Applications to Problems of Environmental Preservation, NATO ARW, November 23-27, Moscow, Russia.*

**BULU, A., (1999)** “Turkey’s Water and Energy Potential: Some Transboundary River Courses in Turkey”, *NATO ARW, October11-15, 1999, Thessalonique, Greece.*

**AKAR, T. & BULU, A. (2000)** “Modeling of Suspended Discharges in Rivers and Dead Volume Estimation”, *Small Dams in Mediterranean World, May2000, Tunisia.*

### **7.3 International Books / Chapters of Books**

**BULU, A.,** “Statistical Analysis of Low Flows With Zero Discharges”, *FRIEND, 3<sup>rd</sup> Report: 1994-1997, Cemagref Editions, pp. 167-170.*

**VUKMIROVIC, V., RADIC, Z., and BULU, A.,** “Low Flows Expert Meeting Proceedings”, *10-12 June 1998, Belgrade, Yugoslavia.*

**OBERLIN, G., AKSOY, H., BULU, A., RAMEZ, P., EICHOLZ, A., (1999)** “FRIEND-AMHY’99 Annual Meeting Proceedings”, *October13-16, Istanbul Technical University, UNESCO, Paris.*

### **7.4 National Refereed Journal Publications**

**ÜNSAL, İ., KARAHAN, M. E., ILGAZ, C., BULU, A., KABDAŞLI, S.,** “On the Control of Salt Water Intrusion Into the Outfall Systems”, *Bulletin of the Technical University of Istanbul, Vol. 43, No. 3, 1990.*

### **7.5 National Conference Presentations & Proceedings**

### **7.6 National Books / Chapters of Books**

**BULU, A.,** “İstatistik Problemleri”, *Teknik Kitaplar Yayınevi, İstanbul, 1986.*

**ILGAZ, C., KARAHAN, M. E., BULU, A.,** “Akışkanlar Mekaniği ve Hidrolik Problemleri”, *Çağlayan Kitabevi, 1993.(in Turkish)*

**BULU, A.,** “Fluid Mechanics”, *İTÜ İnşaat Fakültesi, 2001.*

**BULU, A.,** “Su Mühendisliği El Kitabı”, *Okan Üniversitesi, İstanbul, 2009.*

### **7.7 Other Publications**

### **8.Projects**

## **9. Administrative Tasks:**

Okan University – Civil Engineering Department Chair

Okan University –Board of Directors (Member)

## **10. Academic/Professional Memberships:**

American Geophysical Union, since 1976

UNESCO, AMHY-FRIEND Steering CommitteeMember, since 1992 ([www.mpl.ird.fr/amhy](http://www.mpl.ird.fr/amhy)).

UNESCO, AMHY-FRIEND International Coordinator For Low Flows Topic, since 1996 ([www.mpl.ird.fr/amhy](http://www.mpl.ird.fr/amhy)).

International Network of Water-Environment Centers for the Balkans (INWEB), Coordinator of Turkey, since 1999 ([www.socrates.civil.auth.gr/inweb](http://www.socrates.civil.auth.gr/inweb)).

## **11.Awards**