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Anita Zaitunah was born in Bogor, West Java, on August 30, 1973, as the fourth child among six siblings. Currently, she is a mother of two children. Her educational journey began with a Bachelor's degree (S.Hut) from the Faculty of Forestry at IPB University in 1997. She pursued her Master of Science (M.Sc) at the Faculty of Geo-Information Science and Earth Observation, specializing in Forestry for Sustainable Development at the University of Twente, The Netherlands, in 2004. She completed her Doctoral degree (Dr) in Forestry Science at IPB University in 2012. During her master's and doctoral studies, she received scholarships from The Netherlands Fellowship Program (NFP) and the Postgraduate Education Scholarship (BPPS) from the Ministry of Education and Culture of Indonesia.

Since 1999, Dr. Anita Zaitunah has been working as a lecturer and researcher at the USU Faculty of Forestry Undergraduate Program in Forestry. From 2021 to 2026, she serves as the Head of the Forest Management Laboratory at the USU Faculty of Forestry Undergraduate Program in Forestry. As a lecturer, she actively engages in the Triple Mission of Higher Education, involving education, research, and community service through various activities. Supporting activities include serving as a Judge for Outstanding Students at USU, Coordinator of the Community Service Program (PKM) Corner at the Faculty of Forestry, and Chair of the Scientific Cluster "Land Management for Climate Change Adaptation," involving faculty members from USU and colleagues from IPB University, Universitas Mulawarman, Radboud University the Netherlands, and Leibniz Hannover University Germany.

Her expertise lies in remote sensing, geographic information systems, and forest management, applied through research works, publications, books, and dissemination in national and international seminars. She has received several awards throughout her career, including the Satyalancana Karya Satya XX from the President of Indonesia (2023) and the Best Advisor 2 at USU (2023).

She is currently a member of various scientific organizations, professional associations, hobbyist organizations, and social organizations, such as the Indonesian Forest Management Community, the Remote Sensing Experts Society, Pusaka JATI, and the Indonesian Lecturers Association. Dr. Anita has also initiated international collaborations since 2004 by conducting guest lectures with foreign guest lecturers and participating in guest lectures in Remote Sensing and Geographic Information System courses. Other collaborative activities include serving as a supervising lecturer for the Living Lab - Nuffic Southeast Asia in 2023, participating in a study visit to Germany with funding from DAAD Germany and USU in 2023, conducting activities at Humboldt Berlin University, Leibniz Hannover University, and Goethe Frankfurt University.

For more detailed information, her profile can be explored on the official USU directory website or through public profiles on Google Scholar, Scopus, Web of Science, ORCID, ResearchGate, and Sinta. Personal correspondence can be made via email at anita@usu.ac.id.

Publications

2026

Prosiding seminar internasional

AB094. RodentWatch as a smart integrated platform to raise awareness and control for advanced leptospirosis management

ANITA ZAITUNAH , RITA ROSMALA DEWI , ERNA BUDHIARTI NABABAN , DR SUNNA VYATRA HUTAGALUNG , Muhammad Daniel Azlan bin Mahadzir , Jonas Karlström

2026

Jurnal nasional terakreditasi

PENGAWASAN TERSENTRALISASI BERBASISWEBGIS DALAM MONITORING PENGELOLAAN HUTAN BERKELANJUTAN

SITI LATIFAH , ANITA ZAITUNAH

2026

Land Use Change Modeling to Support the Management Plan of ProtectedFMUUnit II FMURegion XV Kabanjahe

ANITA ZAITUNAH , BEJO SLAMET , FAUZIAH SAHARA

2026

Poster seminar internasional

AI-Assisted Cognitive Therapy to Enhance Quality of Life Among Individuals Diagnosed with Dementia

ERNA BUDHIARTI NABABAN , ANITA ZAITUNAH , RITA ROSMALA DEWI , DR SUNNA VYATRA HUTAGALUNG , Muhammad Daniel Azlan bin Mahadzir

2025

Prosiding seminar internasional

Spatial Analysis of The Availability Of Public Green Open Space In Medan Maimun District

MA RIFATIN ZAHRAH , ANITA ZAITUNAH , MUHAMMAD HUDZAIFAH RIHULJIHAD

2025

Makalah ilmiah

Widespread abundance of Capillaria hepatica among wild rodents from wet markets in Medan, Indonesia: indicating highly potential zoonosis transmission

DR SUNNA VYATRA HUTAGALUNG , RAHAYU LUBIS , SRI AMELIA , MERINA PANGGABEAN , ANITA ZAITUNAH , HIDAYAT , April Hari Wardhana, SKH, MSi, PhD , Meta Amelia

2025

Makalah ilmiah

RodentWatch as a smart integrated platform to raise awareness and control for advanced leptospirosis management

DR SUNNA VYATRA HUTAGALUNG , ANITA ZAITUNAH , ERNA BUDHIARTI NABABAN , RITA ROSMALA DEWI , Muhammad Daniel Azlan bin Mahadzir , Jonas Karlström

2025

Jurnal internasional bereputasi

Combination of Organic, Chemical and Biological Fertilizers to Accelerate Mangrove Growth on The East Coast of Sumatra, Indonesia

BUDI UTOMO , YUNASFI , ANITA ZAITUNAH , AFIFUDDIN DALIMUNTHER , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Ethnobotanical study of sikkam (Bischofia javanica) in Simalungun District, North Sumatra, Indonesia

RIDAHATI RAMBEY , ANITA ZAITUNAH

2025

Jurnal internasional bereputasi

Identification of Pine Species Based on Their Morphology in the Parsingguran Protected Forest, North Sumatra, Indonesia

BUDI UTOMO , AFIFUDDIN DALIMUNTHER , KANSIH SRI HARTINI , ANITA ZAITUNAH , YUNASFI

2025

Prosiding seminar internasional

Sustainable Forest Management Practices in Indonesia-Role of GIS: A Literature Review

SITI LATIFAH , ANITA ZAITUNAH , ZHRUL ULUM

2025

Jurnal nasional terakreditasi

Community Satisfaction Analysis in Mangrove Forests Management in the Unit X KPHL Batu Bara Using Importance Performance Analysis

ORANG KAYA HASNANDA SYAHPUTRA , EVA MARIA NATALINA GINTING , ANITA ZAITUNAH

2024

Jurnal nasional

Analisis Kepuasan Masyarakat dalam Pengelolaan Hutan Mangrove pada Unit

X KPHL Batu Bara menggunakan Importance Performance Analysis

ANITA ZAITUNAH , EVA MARIA NATALINA GINTING , ORANG KAYA HASNANDA SYAHPUTRA

2024

Artikel ilmiah

Sustainable Forest management Practise in Indonesia Role of GIS: A literatur review

ANITA ZAITUNAH , SITI LATIFAH

2024

Jurnal internasional bereputasi

The usage of vaious fungi species has allowed the Avicennia marina to develop more swiftly in Belawan and Pulau Sembilan

AMANATUL FADHILAH , YUNASFI , BUDI UTOMO , AFIFUDDIN DALIMUNTHE , ANITA ZAITUNAH , IPANNA ENGGAR SUSETYA

2022

Prosiding seminar internasional

The effect of skidding by excavator on soil compaction in the industrial plantation forest of PT Toba Pulp Lestari, North Sumatra, Indonesia

ASMARLAILI SAHAR , MUHDI , ANITA ZAITUNAH , DIANA SOFIA HANAFIAH

2022

Prosiding seminar internasional

The effect of skidding by excavator on soil compaction in the industrial plantation forest of PT Toba Pulp Lestari, North Sumatra, Indonesia

MUHDI , ASMARLAILI SAHAR , DIANA SOFIA HANAFIAH , ANITA ZAITUNAH

2022

Jurnal nasional terakreditasi

Mapping Land Cover and Vegetation Detection in Urban Areas

SAMSURI , ANITA ZAITUNAH

2022

Prosiding seminar internasional

Application of analytical hierarchy process in implementation of community forest management permit work plan

ANITA ZAITUNAH , RAHMAWATY

2021

Prosiding seminar internasional

Evaluation of work plan implementation of community forest management business license case study in Karya Lestari farmers group, Sibaganding Village, Girsang Sipangan Bolon Sub-district, Simalungun Regency

ANITA ZAITUNAH , RAHMAWATY

2021

Jurnal internasional bereputasi

Floristic composition and diversity at Keruing (Dipterocarpus spp.) habitat in Tangkahan, Gunung Leuser National Park, Indonesia

ANITA ZAITUNAH , DENI ELFIATI , ARIDA SUSILOWATI

2021

Prosiding seminar internasional

Vegetation density analysis using normalized difference vegetation index in East Jakarta, Indonesia

ANITA ZAITUNAH , RIDAHATI RAMBEY

2021

Jurnal internasional bereputasi

Mapping and assessment of vegetation cover change and species variation in Medan, North Sumatra

ANITA ZAITUNAH

2021

Jurnal internasional bereputasi

Vegetation structure of sumatran orangutan (Pongo abelii) habitat in north sumatra, indonesia

ANITA ZAITUNAH

Researches

2025

Ipteks Bagi Masyarakat

RodentWatch as a smart integrated platform to raise awareness and control for advanced leptospirosis management

DR SUNNA VYATRA HUTAGALUNG , RITA ROSMALA DEWI , ANITA ZAITUNAH , ERNA BUDHIARTI NABABAN , Muhammad Daniel Azlan bin Mahadzir , Jonas Karlström

2024

Penelitian Tim Pasca Sarjana

MONITORING PENGELOLAAN HUTAN INKLUSIF DAN BERKELANJUTAN BERBASIS WEBGIS SEBAGAI PENGAWASAN TERSENTRALISASI

ANITA ZAITUNAH , SITI LATIFAH

2024

Penelitian Fundamental

Analisis Dampak Pertumbuhan Penduduk dan Perubahan Tutupan Lahan terhadap Variasi Suhu Permukaan di Kota Medan dan Binja

ANITA ZAITUNAH

2024

Analisis Dampak Pertumbuhan Penduduk dan Perubahan Tutupan Lahan terhadap Variasi Suhu Permukaan di Kota Medan dan Binjai

ANITA ZAITUNAH , NELLY ANNA

Community Services

2025

Anggota Pusat Studi Inovasi Green Carbon USU

YENI ABSAH , ANITA ZAITUNAH

2020

Ipteks Bagi Masyarakat

Pengembangan Usaha kecil dan Usaha Kelompok Perempuan Melalui Keterampilan Ecoprinting di Dusun 1 Desa Sei Glugur Kecamatan Pancurbatu Kabupaten Deli Serdang Dalam Rangka menunjang Program Desa Wisata Hijau

BEJO SLAMET , IWAN RISNASARI , ANITA ZAITUNAH