

Applied Sustainability Research at Grand Valley State University

Two methodologies were used to count the number of sustainability researchers:

- 1) The first was a review of Digital Measures. 102 faculty members in 29 departments checked the “sustainability” box or mentioned sustainability in their title.
- 2) The second methodology was a review of department and faculty websites. 196 faculty members in 38 departments include sustainability research in their bios.

The results from each method were then compared to eliminate duplicate entries.

The total result is a total of 209 sustainability researchers in 43 departments.

Method: those who checked the "sustainability" box or mentioned sustainability in the title in Digital Measures

College Unit Researchers (102 researchers in 29 departments)

Brooks College of Interdisciplinary Studies	IRIS Program	6
Brooks College of Interdisciplinary Studies	Honors Program	2
College of Liberal Arts and Sciences	Anthropology	3
College of Liberal Arts and Sciences	AWRI	8
College of Liberal Arts and Sciences	Biology	22
College of Liberal Arts and Sciences	Biomedical Sciences	3
College of Liberal Arts and Sciences	Cell & Molecular Biology	1
College of Liberal Arts and Sciences	Chemistry	1
College of Liberal Arts and Sciences	Communications	4
College of Liberal Arts and Sciences	English	2
College of Liberal Arts and Sciences	Geography	4
College of Liberal Arts and Sciences	Modern Languages	2
College of Liberal Arts and Sciences	Movement Science	1
College of Liberal Arts and Sciences	Philosophy	1
College of Liberal Arts and Sciences	Political Science	1
College of Liberal Arts and Sciences	Sociology	1
College of Liberal Arts and Sciences	Visual & Media Arts	4
College of Liberal Arts and Sciences	Writing	3
Education and Comm Innovation	Criminal Justice	3
Education and Comm Innovation	Educational Leadership	3
Education and Comm Innovation	Public and Non-profit Health	6
Education and Comm Innovation	Social Work	2
Education and Comm Innovation	Teaching and Learning	1
Kirkhof College of Nursing	Nursing	10
Kirkhof College of Nursing	Dean’s Office	2
Padnos College of Engineering	Computer Information Sys	2
Padnos College of Engineering	Mechanical Engineering	3
Padnos College of Engineering	Product Design	2
University Libraries	Libraries	1

Method: Review of department and faculty websites

Department/Faculty Researchers (209) in 43 departments

Anthropology (9)

Alizadeh – Social Inequity
Arnold – Environmental Archaeology
Brashler – Social Justice
Hedges – Traditional Herbal Medicine
Hefferan – Cultural Anthropology
Rhoads – Development and Sociocultural Anthropology
Schwartz – Great Lakes
Shaffer – Conservation Ecology
VanWormer – Intentional Communities

Accounting (3)

Goldberg – Corporate Social Responsibility
Grant – Entrepreneurship and Family Businesses
Ratliff-Miller – Triple Bottom Line

Biology (32)

Aschenbach – Ecological Restoration
Blackman – Seed Deterioration
Cymbala – Environmental Ethics
Dobson – Ecology
Dunn – Insect Conservation
Evans – Plant Systematics, Evolution, Molecular Phylogenetics
Greer – Invasive Species and Plant Ecology
Griffin – Natural Resource Policy
Hamsher – Stream Ecology
Henshaw – Ecology
Hollister – Global Change Biology
Hunt – Sustainable Agriculture and Agroecology
Jacquot – Zoology, Mammalogy, Wildlife Disease, Behavior
Keenlance – International Resource Management
Locher – Forest Ecosystem Management and Geographic Information Systems
Luttenton – Ecology
MacDonald – Ecological Restoration
McCluskey – Conservation Biology
Moore – Conservation Biology
Morgan – Microbiology, Molecular Biology
Nordman – Renewable Energy
Northup – Climate
Nyamai – Climate Change Impacts
Preville – Biology, Ecology
Russell – Biogeography, Molecular Ecology, Genetic Demography
Rybczyski – Ecology

Sass – Molecular and Developmental Genetics
Simon – Ecology
Snyder – Ecology
Winther – Mycorrhizal Associations, Phylogenetics, Plant Evolution
Woller-Skar – Ecosystem Ecology
Zeman – Environmental Ethics

Biomedical Sciences (3)
Fateye – Environmental Pollutants
Pearl – Reproduction, Wellness
Thompson – Cell biology, Genetics

Business (3)
DeWilde – Business Ethics and Social Capital
Pope – Marketing
Motwani – Succession Planning

Cell and Molecular Biology (1)
Tsou – Detection of SARS-CoV-2 in Wastewater

Chemistry (3)
Kovacs – Green Chemistry
Lantz – Green Chemistry
Werner – Snakebike Envenoming

Cell and Molecular Biology (1)
Dietrich – Invasive Species

Chemistry (3)
Carlson – Biochemistry
Kovacs – Green Chemistry
Qi – Environmental Chemistry

Computing & Info Systems (2)
Engelsma – Honeybees
Leidig – Energy Sustainability, Modeling

Communications (4)
Besel – Environmental Communication
Ford – Multimedia Journalism, Michigan Out-of-Doors
Kelly-Lowenstein – Multimedia Journalism, Vulnerable Individuals and Communities
Wallace – Social Media and Society, Public Relations, Lobbying

Criminal Justice (3)
Jones – Human Rights, Trafficking
Mullendore – Terrorism, Violence Against Women
Ross – Environmental Crimes

Economics (5)

Dalmia – Untapped leadership potential in minorities and women on boards
De – Development Economics
Giedeman – Economic Inequality
Isely – Environmental Economics
Pulido-Velásquez – Environmental Economics

Engineering (14)

Adamczyk – Hybrid Cars, Batteries
Baine – Battery Repurposing and Recycling
Corneal – Battery Repurposing and Recycling
Englesma – Applied Computing, Honeybees
Farris – Socially Conscious Innovation
Fleischmann – Thermodynamics and Green Buildings
Jiao – Solar Power
Hittepole – Sustainable Development
Mansour – Digital Life Lab
Mokhtar – Wind Energy
Pung – Solar Power
Reffeor – Mechanical Engineering
Standridge – Lake Michigan Wind Buoy, Alternative Energy
Sozen – Alternative Energy

Education (4)

Mehall – Privilege
Meyer-Looze – Leadership and Counseling
VanderMolen – Public Health Promotion and Education
Warsen – Leadership and Counseling

English (6)

Borti – Equity, Inclusion, and Diversity
Brown – Second Language Acquisition
Deyo – Ecocriticism
Ellis – Poetry and the Natural World
Johnson – Multicultural Literature
Pezzetti – Social Justice

Environmental and Sustainability Studies (8)

Fauvel – Food Systems and Beekeeping
Jakobcic – Engagement with Nature and Place
King – Environmental Philosophy, Religion and Environment
McFarland – Food Systems and Urban Greening
O'Neill – Sustainability
Parker – Environmental Philosophy
Peterson – Eco-Criticism
Schneider – Environmental Policy

Geography and Sustainable Planning (11)
Frederick – Urban Sustainable Development
Lioubimtseva – Climate
Ma – High Spatial Resolution Imagery
Moore – Land Use Planning
Penn – Natural Resource Conservation and Agriculture
Stepek – Planning and Transportation
Sun – Mapping Earth’s Environments
Xu – Economic Geography and Regional Development
Wagendorp – Environment and Resource Management
Wessell – Environmental Geography
Woznicki – Climate and Land Use Change

Geology (6)
Callahan – Diversity in Science
Cole – Geohydrology
Colgan – Glacial Geology
Kneeshaw – Environmental Biochemistry
Mekik – Climate and Global Change
Riemersma – Environmental Science and Groundwater Contamination

Global Studies (1)
Eddens – Global Studies and Social Impact, Environmental Studies

History (3)
Daley – Great Lakes History
Kapoor – History of Alternative Energy
Wangdi – Environmental History

Honors (4)
Amisi – Healing Plants
Stillerman – Sociology of Consumption
Velez-Ortiz – Social and Ecological Communities
Wampler – Environmental Geology and Water Quality in Haiti

Hospitality & Tourism (6)
Lipford – Geotourism
Robins – Adventure Tourism
Rood – Geotourism
Scantlebury – Community Enterprise Relationships
Sisson – Just Food Systems
Tuma – Sustainable Leisure and Management

Integrated Science (1)
Pachla – Educational Policy & Science Education

Integrative, Religious, and Intercultural Studies (9)

Benson – Interconnections Between Colonialism, Sexuality, Gender Identity and Racism

Goerisch – Social Change

Marini – Racial Dynamics in Alternative Food Movements

Meyer – Religion and Ecology

Nathaniel – Communication Technologies Shaping the Expression of Racial Identity

Riley-Mukavetz – Cultural Rhetorics

Ripple – Sustainability

Shell-Weiss – Human Migrations

Swayamprakash – Environmental and Borderlands History

Library (3)

Felker – Digital Initiatives

Galvan – Collection Strategist

Schultz – Metadata

Marketing (1)

Lane – Design Thinking for Social Product Innovation

Modern Languages & Literatures (2)

Pettes Guikema – Social Justice in Foreign Language Education

Serrata – Literature and Culture

Movement Science (5)

Beaudoin – Environmental Influences on Health

Brehm – Environmental Sustainability in Sport

Fox – Social Justice

Kilbourne – Sustainability in the circumpolar world

Ross – Social Responsibility in Sport

Nursing (13)

Butler – Innovative Learning and Evidence-Based Practice

Chaponniere – Global Health

Coke – Academic Practice Partnerships

Conrad – Rural Health Consultant

Elrod – Equity in Nursing Education

Harrington – Teaching Innovations

Manderscheid – Quality and Safety of Care

Moran – Caring for Underserved Populations

Slager – Community Health

Spoelstra – Aging in Place

Strouse – Culture of Nursing

VanderKooi – Electronic Health Records

Winter – Sustainability

Occupational Health & Safety (1)

Huizen – Air Quality

Philosophy (2)

Parker – Environmental Philosophy
Uglietta – Food, Culture, Conscience

Political Science (1)

Schneider – Environmental Policy

Psychology (2)

Adamopoulos – Psychology and Culture
Friedlmeier – Cross Cultural Psychology

Public Health (2)

Brew – After-School Wellness Programming
Molla – Environmental Health

Public and Nonprofit Administration (6)

Cline – State and Local Social Change
Jack – Hospitality and Tourism
Janes – Recreation Parks and Leisure
Jaskiewicz – Community Environmental Health
Jelier – Sustainable Metropolitan Development
Lefrid – Food and Beverage Management

Social Work (5)

Bolea – Cross-Cultural Health Experiences
Green-Smith – Health Counseling, SSA Immigrants
Johnson – International Social Work
Lehker – International Social Work
Villarreal – Diversity, Privilege, Social Environment

Sociology (3)

Buday – Environmental Studies and Community Mobilization
Stewart – Social Sustainability
Yidana – African Development

Statistics (1)

Zeitler – Wind Energy Research

Visual & Media Arts (4)

Colley – Animal Agriculture
Goldstein – Film Culture
Hosterman – Natural Environment and Human Journey
Talon – Comic Book Storytelling

Water Resource Institute (10)

Biddanda – Carbon Cycle Lake Michigan

McNair – Ecological Research

Partridge – Ecological Research

Rediske – Sustainable Water, Haiti

Ruetz – Fishery Management

Steinman – Aquatic Restoration

Strychar – Ecological Research

Thum – Invasive Species

Vail – Environmental Education

Woznicki – Ecological Research

Women and Gender Studies (1)

Mason – Environmental Health

Writing (2)

DeVasto – Writing and Rhetoric Shaping More Liveable Worlds

Peterson – Disappearing Landscapes and People