

Preliminary List of Independent Studies

Category: Environmental Data – Radiation
Date of Publication: November 9, 2001
Title: **Dramatic Increase in Radiation in Vieques**
Author(s): Frankie Jimenez
Affiliation: Committee for the Rescue and Development of Vieques (CRDV)
Publication Status: Press Release
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data – Radiation
Date of Publication: November 2001
Title: **Radioactivity in Vieques**
Author(s): Frankie Jimenez
Affiliation: Committee for the Rescue and Development of Vieques (CRDV)
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data – Soil, Sediment, and Water
Date of Publication: July 11, 2000
Title: **Environmental Impact of Navy Activities in Vieques**
Author(s): N García Martínez, AM López, M Soto, S Rosado, B Berríos
Affiliation: Servicios Científicos y Técnicos
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data – Sediment
Date of Publication: 2002
Title: **Heavy Metal Studies in Sediments from Gato and Anones Lagoons**
Pages 25-26 in *Science and Ecology: VIEQUES in Environmental Crisis*
Author(s): Arturo Massol-Deyá and Elba Díaz
Affiliation: Casa Pueblo de Adjuntas; University of Puerto Rico, Mayaguez Campus
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Pineapples and Soil
Date of Publication: 2005
Title: Determination of Arsenic (As), Cadmium (Cd), Chromium (Cr), Cobalt (Co) and Lead (Pb) in “Smooth Cayenne” Pineapple Fruit, Leaves Tissue and Soil Using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)
Author(s): José L. López Morales
Affiliation: University of Puerto Rico, Mayagüez Campus
Publication Status: Masters in Chemistry Thesis
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data – Plants
Date of Publication: April 10, 2000
Title: **Heavy Metals in the Impact Area Prevailing Vegetation, Vieques, Puerto Rico**
Author(s): Arturo Massol-Deyá and Elba Díaz
Affiliation: Casa Pueblo de Adjuntas and University of Puerto Rico, Mayagüez
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data - Plants
Date of Publication: January 10, 2001
Title: **Toxic Metals in the Vegetation of the Civilian Zone of Vieques, Puerto Rico**
Author(s): Arturo Massol-Deyá and Elba Díaz
Affiliation: Casa Pueblo de Adjuntas and University of Puerto Rico, Mayagüez
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Plants
Date of Publication: 2003
Title: **Trace Element Composition in Forage Samples from a Military Target Range, Three Agricultural Areas, and One Natural Area in Puerto Rico**
Author(s): Elba Díaz and Arturo Massol-Deyá
Affiliation: University of Puerto Rico, Mayagüez
Publication Status: Caribbean Journal of Science, Vol. 39, No. 2, 215–220, 2003
Peer Review Status: Peer reviewed
Cited by Rothman: Yes

Category: Environmental Data – Plants
Date of Publication: August 14, 2005
Title: **Trace Elements Analysis in Forage Samples from a U.S. Navy Bombing Range (Vieques, Puerto Rico)**
Author(s): Arturo Massol-Deyá, Dustin Pérez, Ernie Pérez, Manuel Berrios, and Elba Díaz
Affiliation: University of Puerto Rico
Publication Status: Int. J. Environ. Res. Public Health 2005, 2(2), 263–266
Peer Review Status: Peer reviewed
Cited by Rothman: No

Category: Environmental Data - Plants
Date of Publication: January 2008
Title: **Evaluation of Heavy Metals in Agricultural Products of a Farm with Organic Practices in the Bo. Lujan Sector Destination of Vieques (Puerto Rico)**
Author(s): Elba Díaz de Osborne, Pablo Acevedo-Acevedo, and Arturo Massol-Deyá
Affiliation: University of Puerto Rico
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Livestock
Date of Publication: 2001
Title: **Herbivorous [Goats]: Additional Evidence of Heavy Metal Mobilization Through the Food Web**
Author(s): Arturo Massol-Deyá
Affiliation: Casa Pueblo de Adjuntas and University of Puerto Rico
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Sea Life
Date of Publication: December 6, 1999
Title: **Draft Findings in Vieques, Puerto Rico [Heavy Metals in Reefs Where Bombs Are]**
Author(s): James Porter
Affiliation: University of Georgia, Consultant to King and Spalding
Publication Status: Letter to law firm, King and Spalding
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Crabs
Date of Publication: January 12, 2000
Title: **Biomagnification of Carcinogenic Metals in Crab Tissue, Vieques, Puerto Rico**
Author(s): Arturo Massol-Deyá and Elba Díaz
Affiliation: Casa Pueblo de Adjuntas and University of Puerto Rico, Mayagüez
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Sea Grass
Date of Publication: June 2000
Title: **Research on the Physical and Chemical Conditions of Sea Grasses *Thalassia testudium* and *Syringodium filiforme* in Vieques**
Author(s): Fernando L. Herrera, Brenda Alicea Lopez, Blanca Diaz Perez, Siomara Cardona Vilella, Neritza Guerra Villanueva, and Maria C. Ortiz Rivera
Affiliation: Metropolitan University, School of Environmental Affairs; Universidad de Puerto Rico, Arecibo
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Fish
Date of Publication: June 2000
Title: **Toxicological Study of Heavy Metals in Fish Populations at Vieques Island**
Author(s): Doris Caro PhD, Mei-Ling Nazario, and Noel Díaz
Affiliation: Metropolitan University
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data – Sea Life
Date of Publication: March 8, 2004
Title: **Radiological, Chemical, and Environmental Health Assessment of the Marine Resources of the Isla de Vieques Bombing Range, Bahia Salina del Sur, Puerto Rico**
Author(s): James Barton and James Porter, PhD
Affiliation: Underwater Ordnance Recovery, Inc. and University of Georgia, respectively
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data – Sea Life
Date of Publication: February 12, 2009
Title: **Carcinogens Found in Marine Life in Island of Vieques in Puerto Rico**
Author(s): James Porter, PhD
Affiliation: University of Georgia
Publication Status: Press Release
Peer Review Status: None
Cited by Rothman: No

Category: Environmental Data - Air
Date of Publication: May 1999
Title: **Contamination Produced by Explosives and Explosive Residues in Vieques**
Author(s): Rafael Cruz Pérez, PE
Affiliation: College of Engineers
Publication Status: Dimension magazine
Peer Review Status: None
Cited by Rothman: Yes

Category: Environmental Data - Water and Soil
Date of Publication: May 11-16, 1978
Title: **Vieques Litigation Support: Explosives Analyses of Water and Soil Samples Taken on Vieques Island, Puerto Rico**
Author(s): JC Hoffsommer and DJ Glover
Affiliation: Navy, Naval Surface Weapons Center, Explosives Chemistry Branch, MD
Publication Status: Self-published
Peer Review Status: None
Cited by Rothman: Yes

Category: Human Biomonitoring – Heart Disease
Date of Publication: January 2001
Title: **Vibroacoustic Disease Induced by Long-Term Exposure to Sonic Booms**
Author(s): R Torres, G Tirado, A Roman, R Ramirez, H Colon, A Araujo, F Pais, W Maciniak, J Nobrega, A Bordalo e Sa, JMC Lopo Tuna, M Alves-Pereira, NAA Castelo Branco
Affiliation: Virtual Research Group and Center for Human Performances
Publication Status: Draft manuscript
Peer Review Status: None
Cited by Rothman: No

Category: Human Biomonitoring – Hair and Stool
Date of Publication: circa 2000
Title: **Innocence Battered on Vieques, Scientific Investigation of Toxic Metals Present in the Biological Terrain of Vieques Children and Adults and Their Effects on Nutrient Mineral**
Author(s): Carmen Colón de Jorge, Edgardo Santiago, John Brooks, Francisco Lopez Perez, Jaime Rivera, Rafael Valle
Affiliation: College of Physicians and University of Puerto
Publication Status: draft manuscript (unpublished)
Peer Review Status: None
Cited by Rothman: No

Category: Human Biomonitoring – Hair
Date of Publication: January 29, 2002
Title: **Heavy Metal Exposure and Disease in the Proximity of a Military Base**
Author(s): Carmen Ortiz-Roque
Affiliation: Private practice, GINECO, San Juan, PR
Publication Status: draft manuscript (unpublished)
Peer Review Status: None
Cited by Rothman: No

Category: Human Biomonitoring – Hair
Date of Publication: 2004
Title: **Mercury Contamination in Reproductive Age Women in a Caribbean island: Vieques**
Author(s): Carmen Ortiz-Roque, Yadiris López-Rivera
Affiliation: Private Practice, GINECO, San Juan, Puerto Rico
Publication Status: J Epidemiol Community Health 2004 58:756-757
Peer Review Status: Yes
Cited by Rothman: No

Category: Human Biomonitoring – Hair, Nails and Urine
Date of Publication: 2004 and 2006-2008
Title: **Arsenic Detected in Urine, Nails and Hair Study** (Exact title not available)
Author(s): Carlos Rodriguez Sierra
Affiliation: University of Puerto Rico, Department of Environmental Health
Publication Status: El Vocero (newspaper article)
Peer Review Status: None
Cited by Rothman: No

Category: Human Biomonitoring – Blood
Date of Publication: November 2006
Title: **Executive Summary of the Prevalence of Heavy Metals in Vieques**
Author(s): Juan Alsono Echanove and Luis Manuel Santiago
Affiliation: Commonwealth of Puerto Rico, Department of Health
Publication Status: draft manuscript

Peer Review Status: None
Cited by Rothman: No

Category: Human Biomonitoring – Hair
Date of Publication: Not yet published
Title: **Not yet determined**
Author(s): Dr. John Wargo
Affiliation: Yale University, Connecticut
Publication Status: draft manuscript (not available)
Peer Review Status: None
Cited by Rothman: Yes

Category: Health Outcome Data
Date of Publication: November 11, 2006
Title: **Cancer Incidence and Mortality in Vieques 1990-2001**
Author(s): Nayda R. Figueroa, MD, MPH, Erick Suárez, PhD, Taina De La Torre, MS, and Mariela Torres, MS
Affiliation: Commonwealth of Puerto Rico, Department of Health
Publication Status: Self published
Peer Review Status: None
Cited by Rothman: No

Category: Health Outcome Data
Date of Publication: March 2000
Title: **Exploratory study of health and other conditions in Vieques**
Author(s): Neftali Garcia Martinez, Yadiris Lopez, and Crisarlin Carrosquillo
Affiliation: Scientific and Technical Services and the University of Puerto Rico Graduate School of Planning
Publication Status: Self published
Peer Review Status: Unknown
Cited by Rothman: No