



Name: Thrity '3T' Vakil, FLS

DOB: 13th September 1965 b. Nairobi, Kenya

Address: Las Casas de la Selva, HC 63, Buzon 3879, Patillas, Puerto Rico.

Nationality: British (living in Puerto Rico since 2000)

3t serves as Director of Tropic Ventures 1,000 acre Sustainable Forestry & Rainforest Enrichment Project in Puerto Rico. 3t has worked on tree-id, selective harvesting, milling, and wood-drying operations for two decades, and in 2015, co-founded Puerto Rico Hardwoods. 3t has led sixty Earthwatch research teams, and has observed, measured, monitored, and planted, hundreds of trees. An Associate of the Institute of Ecotechnics since 1990, 3t has hands-on experience in a range of fields: ecology, event management, arts, expeditions, and theater. In the mid 90's she served three years as Assistant to the Expedition Chief, diving on remote coral reefs in the Red Sea & Indian Ocean on the Institute's Research Vessel Heraclitus, also crossing the Atlantic and Mediterranean Oceans. 3t is Fellow of the Linnean Institute, a Fellow of the World Academy of Art & Science, and an accomplished artist.

Life Work: Painter and digital artist: [*The Artwork of 3T Vakil*](#)

2016 - Present: Fellow of The Linnean Society

2015 - Present: Co-founder & President, Puerto Rico Hardwoods Inc.

2013 - 2016 : Director, Ecotechnics Maritime Ltd

2012 - Present: Founder & Member, Council for the Development of Agro-forestry in Puerto Rico (CADA)

2008 - Present: Fellow, World Academy of Art and Science

2007 - Present: Director, Institute of Ecotechnics, (U.S.A. Not-for-profit, U.K. Educational Charity)

2007 - Present: President, Tropic Ventures Education & Research Foundation, Patillas, Puerto Rico.

2007 - Present: Principal Investigator leading Earthwatch expeditions at Tropic Ventures, Patillas, Puerto Rico.

2007 - Present: Director, Tropic Ventures Rainforest Enrichment & Sustainable Forestry Project, Patillas Puerto Rico.

1999 - 2007 **Tropic Ventures Rainforest Enrichment Project, Puerto Rico:** Manager and crew member of selective felling, hauling, milling, & drying operations, marketing & sales of hardwoods.
Synergia Ranch, Santa Fe, New Mexico: Co-manager of Organic Fruit Farm. Design & implementation of drip irrigation system for 500 fruit trees and all aspects of tree care, including pruning, thinning fruit, application of organic treatments for pest control, disease and blight research, composting, harvesting, marketing & selling of fruit. Website/graphic

design.

Synergetic Press Publishing Company, Santa Fe, NM: Research Artist, web design, & marketing.

Institute of Ecotechnics, Global Ecotechnics: Web-design, Archive manager.

1999 – 2003

Co-chef for 250 people on annual three-week International Bantu Dance and Drumming Festival at Synergia Ranch, New Mexico.

1997 - 1999

3T spent several months traveling, writing, painting, & exploring in East Africa. (Kenya, Uganda, Tanzania, & the island of Zanzibar). She lived for short periods, in San Francisco, California, Ashland, Oregon, and Bellevue, Washington, working on a series of paintings.

1995 – 1997

Indian Ocean and South East Asia Expedition - Coral Reef Research Expedition. As Assistant to Expedition Chief, 3t sailed across the Atlantic Ocean, The Mediterranean, The Red Sea, The Arabian Sea, & Indian Ocean on board the RV Heraclitus, built by the Institute of Ecotechnics. Main coral reefs studied were off the coasts of Egypt, Oman, the Maldives, the Seychelles, and Kenya. Responsibilities included becoming an able-bodied seaman with practical hands-on experience in all aspects of seamanship: navigation, rigging, sailing, diving, basic engineering, maintenance, cuisine, team management, data entry, report writing, instigating cultural exchanges, performances, as well as presentations and fundraisers in nearly all of the ports visited on the expedition.

The study of each coral reef comprised of four major diving and data gathering missions:

- Vita reef data on at least 2,000 coral colonies on the reef, identified to genus.
- Video/Photo transects on at least 5 x 20 meter 2-banded transect lines.
- Mapping of the reef outline and ecological zones within using GPS satellite technology.
- Identification and population counts for fishes and indicator invertebrate species.
- Collection of coral cores for Earth Observatory, NY.
- Turtle surveys.
- Trash & plastic surveys on isolated islands in the Red Sea and Indian Ocean.

1994 - 1995

Member/ambient architect of The '**Zippy Pronoia Tour to US**', a road expedition across the US from New York to San Diego with 12 others, organizing 'raves' (performance and edutainment parties), interacting with cultural icons such as Paolo Soleri, Allen Ginsberg, Ken Kesey and the Merry Pranksters, Johnny Dolphin, The Biospherians, Terence McKenna, Wired magazine, John Perry Barlow, RU Sirius, Dee-Lite, Lady Miss Kier, and Goa Gil.

1993 - 1994

Crew Member, ambient architect – Megatripolis, Heaven, London, UK.
House Manager & Rentals - October Gallery, Bloomsbury, London, UK.
Designer and Painter for Freuds Communications events, (The Big Breakfast, Channel 4)

1991 – 1993

Exploration of painting, performance, and dance in India and Nepal.

1985 - 1991

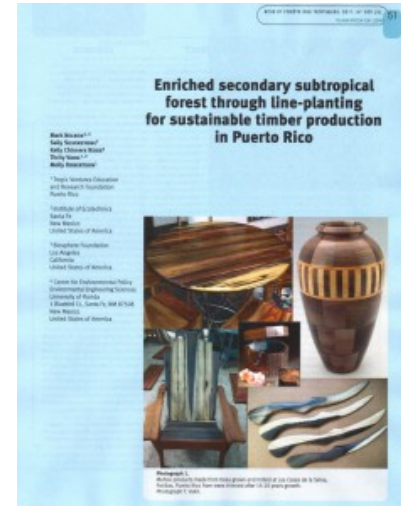
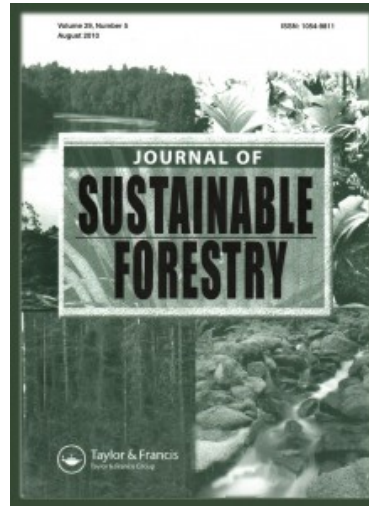
- Ambient Architect -alternative arts/rave/information/fringe scene, UK.
- Co-founder of 'Dandy Fellows' – production design for rave & ambient events, UK.
- Chief Scenic Artist for Apollo Leisure Theater Production Company, UK.
- Designer and Chief Scenic Artist for the Academy of Live & Recorded Arts, London, UK.
- Scenic Artist – London, West End theatre, National Tours, and Repertory theater, UK.
- Apprentice Scenic Artist to Master Scenic Artist, Mary Coxon, England, Ireland, & Scotland, 2

years.

Education - BA (Hons) 3-Dimensional Theater Design – Trent Nottingham, UK.
1980s: Art & Design Foundation – Wimbledon School of Art, London, UK.
3 A-levels – South Thames College, London, UK.
7 O-levels – Pelham High School, London, UK.

Latest Arts publication: <http://www.flatbushreview.com/thrity.html>

Scientific Publications:



Dec 2019

[JIMENA FORERO MONTAÑA, JESS ZIMMERMAN, THRITY VAKIL, MARK NELSON, MARIA EGGLEE PEREZ, JOAQUIN MEDIN 2019](#)

[A narrow size diameter class model for tree growth and yield simulation in a mahoe \(Talipariti elatum \(SW.\) Fryxell, Malvaceae\) plantation in Puerto Rico.](#)
<https://journals-crea.4science.it/index.php/asr/article/view/1850>

Event co-organizer:

2019: Symposium: “No Escape; The Reality of Climate Change, Here and Now”, San Juan, PR

2015: Annual Meeting Institute of Ecotechnics, Synergist Conference, Santa Fe, NM, USA.

2014: The Second Symposium and Exhibition of Forest Products December. International Institute of Tropical Forestry, PR

2014: Annual Meeting Institute of Ecotechnics, Synergist Conference, Aix-en-Provence, France.

2013: Annual Meeting Institute of Ecotechnics, Synergist Conference, Cadaqués, Girona, Catalonia, Spain.

2012: The First Forest Products Assessment Symposium, April, Puerto Rico Department of Natural Resources, PR

2012: Annual Meeting Institute of Ecotechnics, Synergist Conference, October, Cadaqués, Girona, Catalonia, Spain.

Websites:

[Tropic Ventures Rainforest Enrichment & Sustainable Forestry Project](#)
[The Artwork of 3T Vakil](#)

[NELSON M., SILVERSTONE S., REISS K. C., BURROWES P., JOGLAR R., ROBERTSON M., VAKIL T., 2010. “The impact of Hardwood Line-Planting on Tree and Amphibian Diversity in a Secondary Subtropical Wet Forest of Southeast Puerto Rico.”](#)
[Journal of Sustainable Forestry, 29\(5\): 503-516.](#)

[NELSON M., SILVERSTONE S., REISS K. C., ROBERTSON M., VAKIL T., 2011. “Enriched secondary subtropical forest through line-planting for sustainable timber production in Puerto Rico.”](#)
[Bois et Forêts des Tropiques, #309 \(3\): 51-61](#)

Updated August 2020