

E
C
O
R
F
A
N

Journal - Ecuador

ISSN-On line: 1390-9959

ECORFAN®

ECORFAN-Ecuador

Chief Editor
Olives-Maldonado, Carlos. MsC

Executive Director
Ramos-Escamilla, María. PhD

Editorial Director
Peralta-Castro, Enrique. MsC

Web Designer
Escamilla-Bouchan, Imelda. PhD

Web Diagrammer
Luna-Soto, Vladimir. PhD

Editorial Assistant
Rosales-Borbor, Eleana. BsC

Philologist
Ramos-Arancibia, Alejandra. BsC

ECORFAN Journal - Ecuador, Volume 12, Issue 22: e20251222 January – December 2025, is a Continuous publication - Journal edited by ECORFAN-Ecuador. Av.18 Marcial Romero Salinas 1 - Santa Elena,Ecuador. CP. 241550, <http://www.ecorfan.org/ecuador/journal.php>, journal@ecorfan.org. Responsible editor: Juan Carlos Olives Maldonado. ISSN: 1390-9959. Responsible for the last update of this issue ECORFAN Computer Unit. Imelda Escamilla Bouchán, PhD. Vladimir LunaSoto, PhD. Av.18 Marcial Romero Salinas 1 -Santa Elena, Ecuador, CP. 241550. Date of last update December 30, 2025.

The opinions expressed by the authors do not necessarily reflect the position of the publisher of the publication.

It is strictly forbidden the total or partial reproduction of the contents and images of the publication without prior authorization from the National Institute of Copyright.