

AGROFORESTRY ESTABLISHMENT WITHIN RIPARIAN FORESTS BY RE-
EDUCATING INMATES OF THE AGRICULTURAL PENITENTIARY INSTITUTE
(IPA) “JAVERT DE ANDRADE” – SÃO JOSÉ DO RIO PRETO, SÃO PAULO
BRAZIL.

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ABSTRACT: The “*Agroforestry Systems for Sustainable Development in Native Forests and Legal Reserves Test and Demonstration Units’ Thematic Group*” includes researchers from São Paulo State’s Environment Secretariat and Agriculture and Supplying Secretariat. It aims to establish Agroforestry Systems in the buffer zone (10 km radius) of São Paulo’s “Northwest Ecological Station”, an area owned by the University of São Paulo in the municipality of São José do Rio Preto. The group’s intent was to combine the use of agroforestry to restore Permanent Preservation Areas with developing social work, by using the workforce and re-educating inmates of the Agricultural Penitentiary Institute (IPA) “Javert de Andrade”. The group’s first technical activity was an Environmental Restoration Project in the Piedade Stream watershed. Initial fields were planted in IPA’s land, on the right edge of the Piedade Stream. Two areas were established with native tree seedlings at 3x2m spacing: maize seeds were planted around each native seedling (at 20cm radius) and intercalated with rows of beans, *Canavalia ensiformis* and *Cajanus cajan*. Area 1 (5,600 m²) had different treatment with a row of *Canavalia ensiformis* on each side of native plants rows, with pumpkin and watermelon planted between rows. Area 2 (13,000 m²) had four rows of *Canavalia ensiformis* planted between native seedlings’ rows, therefore in higher density than in area 1. The cultivation was made by a group of re-educating inmates who were sensitized and trained. They attended legislation, environment, forest restoration and agroforestry classes during the cropping cycle. The mission of the Thematic Group is to provide viable economic models for the future of Agroforestry Systems including for buffer zones and Legal Reserves. In addition, the Group aims to promote the return of re-educated inmates to society as productive people.

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Key words: Agroforestry systems, Riparian forest, Re-educating, Forest restoration, Resocialization.

Thematic Session number: 25A/25B - Policy formulation and stakeholder engagement in natural resource management – M. Hoang F. Place