

Beyond the mining pit: the academic role in social deliberation for participatory environmental planning

SUPPLEMENTARY MATERIAL

S2 TEXT: AMENDMENTS PROPOSED BY THE UNESP WORKING GROUP

Additive proposal to Article 9, new Paragraph – Objectives of Environmental Policy

Paragraph 1st – To create the Linear Park *Rio Corumbataí*, alongside the river within the urban perimeter and upstream, and the Park *Mãe Preta* aiming at maintenance of water provision to the city, avoiding river siltation and ensuring connectivity within forest remnants.

Paragraph 2nd – To regularize the protection within the 300 meters buffer around State Forest *Edmundo Navarro de Andrade*.

Additive proposal to Article 17, new item, Section IV – Guidelines and Objectives of Environmental Sanitation Policy

V- To use methods and techniques of water and sewage treatment that produce less impact on the environment such as biological treatment of sewage, evapotranspiration basins and artificial wetland systems.

Additive proposal to Article 20, item IV – Ecological Agriculture

To incentive ecological agriculture following the principles of agroecology.

Additive proposal to Article 21, item V – Technical Assistance and Rural Extension

To ensure and provide technical assistance and rural extension to rural producers with properties up to four fiscal modules.

Additive proposal to Article 29 – Macro Zone of Environmental Preservation

Paragraph 1st – It is prohibited in this zone the implementation of large, medium or small size mining activities, as described by boarding decision of CETESB 25/2014.

Paragraph 2nd - Paragraph 1st is not applicable to currently licensed mining activities.

Additive proposal to Article 30 – Macro Zone of Rural Development and Forest Management

Paragraph 1st - It is prohibited, in this zone, the implementation of large or medium size mining activities, as described by boarding decision of CETESB 25/2014. Those considered of small size must be approved by the organ in charge, with the requirement of evaluation of cumulative effects.

Paragraph 2nd - Paragraph 1^o does not apply to current licensed mining activities.

Additive proposal to Article 32 – Protective Boundary Macro Zone

Paragraph 1st – It is prohibited in this zone the implementation of large, medium or small size mining activities, as described by boarding decision of CETESB 25/2014.

Paragraph 2nd - Paragraph 1^o is not applicable to currently licensed mining activities.

Additive proposal to Article 37 – ZEPRHI Description

The ZEPRHI includes at least fifty meters radius from permanent and temporary springs and thirty meters buffer from streams, according to Federal Law 12.651/2012, article 4, item I.

Additive proposal to Article 45, item X – Objectives of Environmental Policy

Paragraph 1st - In the Macro Zone for Environmental Protection and Sustainable Use and the Protective Boundary Macro Zone it is prohibited implementation of large, medium or small size mining activities, as described by boarding decision of CETESB 25/2014.

Paragraph 2nd - In the Macro Zone of Rural Development and Forest Management it is prohibited implementation of large or medium size mining activities, as described by boarding decision of CETESB 25/2014. Those considered of small size must be approved by the organ in charge, with the requirement of evaluation of cumulative effects.

Paragraph 3rd - Paragraphs 1st and 2nd do not apply to current licensed mining activities.

Modification proposal of Article 9, item IX – Objectives of Environmental Policy

Monitoring of environmental licenses made by the competent organs of mining and earthwork activities for the establishment of mitigation actions to negative impacts and development of strategies to ensure appropriate and reasonable recovery of degraded areas, after the termination of activities.

Modification proposal of Article 29, item II – Macro Zone of Environmental Preservation

Monitor and monitor land use within the Area of Environmental Protection (APA) *Piracicaba-Juqueri-Mirim* (Area 1).

Modification proposal of Article 84, item III

Uncovered parking areas must use draining floor on at least 1/3 of the area to be waterproofed and tree plantation must account with at least one individual tree, native and preferably from diverse species for each 35m².

