|  |  |
| --- | --- |
|  | *University of São Paulo**School of Economics, Administration and Accounting of Ribeirão Preto**Department of Administration* |

Dear Professor Getulio Teixeira Batista,

Please find enclosed our manuscript entitled **“Using game theory to assess multi-company strategies in watershed management”**, which we would like to submit for publication as a Technical Article in the **Ambiente & Água Journal**. We believe this manuscript offers fresh and important insights into watershed management.

The discussion is presented using as case study an environmental engineering problem in which three organizations compare various scenarios when choosing a location to place a polluting plant on a watershed. The specific objectives are to demonstrate the benefits that can be obtained from the use of game theory, and to provide a variety of examples of how the rational behavior of firms can lead to potentially unexpected results. Therefore, the main contribution of the present research, is to identify examples where game theory provides useful additional information to the decision making process in watershed management. By shedding light upon such issues, the results of this study also contribute to the expanding and evolving field of game theory applications to environmental engineering problems.

As the corresponding author, I have read all submission instructions and I am responsible for the information inserted in the submission procedure. I assure that the contribution is original and unpublished, and it is not being evaluated for publication by other journal and that it will not be withdrawn from the editorial process until final decision from the journal’s administration.

We look forward to receiving your assessment and evaluation.

Kind regards,

Alexandre Bevilacqua Leoneti

Professor at School of Economics, Administration and Accounting of Ribeirão Preto

---------------------------------------------------------------

Suggestions for referee, if applicable:

|  |  |  |  |
| --- | --- | --- | --- |
| Markus Starkl | University of Natural Resources and Applied Life Sciences | Department of Sanitary Engineering and Water Pollution Control | markus.starkl@boku.ac.at |
| Carlo Carraro | University of Venice | Department of Economics | ccarraro@unive.it |
| Kaveh Madani | University of California | Department of Environmental Sciences | kaveh@ucr.edu |
| Bojan Srdjevic | University of Novi Sad | Department of Water Management | bojans@polj.ns.ac.yu |

---------------------------------------------------------------

Author Details:

**Author 1**

Full Name (First middle and last name): THOMPSON, LUKE OGILVIE

Abbreviation as cited (E.g., Batista, A. F.): THOMPSON, L. O.

E-mail: luke.ogilviethompson@st-hughs.ox.ac.uk

University/Institution (full and acronym/initials): University of Oxford, UK,

Town/City: Oxford

State (or equivalent): Oxfordshire

Country: UK

Department (in the institution): Engineering Department

**Author 2 (corresponding author)**

Full Name (First middle and last name): LEONETI, ALEXANDRE BEVILACQUA

Abbreviation as cited (E.g., Batista, A. F.): Leoneti, A.B.

E-mail: ableoneti@usp.br

University/Institution (full and acronym/initials): University of Sao Paulo

Town/City: Ribeirão Preto

State (or equivalent): São Paulo

Country: Brazil

Department (in the institution): Business Management Department

**Author 3**

Full Name (First middle and last name): BAÑARES-ALCÁNTARA, RENÉ

Abbreviation as cited (E.g., Batista, A. F.): Bañares-Alcántara, R.

E-mail: rene.banares@eng.ox.ac.uk

University/Institution (full and acronym/initials): University of Oxford, UK,

Town/City: Oxford

State (or equivalent): Oxfordshire

Country: UK

Department (in the institution): Engineering Department