Survey Questionnaire to understand the perception and awareness of artificial intelligence (AI) in the academic publishing landscape.

Q1- How well do you understand the concepts of AI, machine learning, internet of things clustering, etc.?

A. I have sufficient working knowledge about these concepts.
B. I have a vague understanding of these concepts.
C. I have just heard these terms, but don't understand them.
D. Other (please specify)

Q2- What different applications of AI are you aware of in academic publishing? (Respondents could select more than one option from the suggested list)

A. Plagiarism detection
B. Image recognition
C. Data analytics
D. Language enhancement
E. Text analysis
F. Text summarization
G. Grammar checks
H. Metadata creation and identification
I. Content extraction and creation
J. Translation
K. Copyright checks
L. Content discovery
M. Bots that write manuscripts
N. Other (please specify)

Q3- According to you, what are the benefits of implementing AI in research and publishing? (Respondents could select more than one option from the suggested list).

A. Helps in automating repetitive tasks
B. Assists in reducing overall cost and time
C. Improves quality of output
D. Provides evidence base to support human decision-making
E. Leads to greater product and service innovation
F. Enables better control over processes and resources
G. Enhances customer experience
H. Other (please specify)

Q4- What do you anticipate to be the primary obstacle in implementing AI? (Respondents could select more than one option from the suggested list).

A. Lack of competencies/understanding of AI
B. Difficulties in integrating AI-based solutions with existing IT infrastructure
C. Requires dependence on external expertise for acquiring AI skills
D. Lack of technical infrastructure/requirement of machines with high computational speed
E. Scarcity of specialists (trained AI staff)/greater dependence on an external skilled workforce
F. Organization/company does not yet recognize the need for AI

G. Cost of implementation/financial investments
H. Cost of implementation too high (large upfront costs associated with researching and implementing AI)
I. Lack of standards
J. Uncertain ROI
K. Legal concerns, risks, or compliance issues
L. Other (please specify)

Q5- Which problems in academic publishing will be difficult to solve using AI?

A. Fake data
B. Predatory publishing
C. Review bias
D. Inaccurate translations
E. Other (please specify)

Q6- What kind of AI assistance or access do you need in your current role? (Respondents could select more than one option from the suggested list)

A. Automated test analysis
B. Global demographic analysis of the publishing landscape
C. Monitor copyright infringement
D. Royalty management
E. Predictive analysis (search trends)
F. Other (please specify)

Q7- Do you or your department need expert advice on how you can use AI to facilitate your publication journey?

A. Yes
B. No
C. Not right now, but we might need it later

Demographic profile of participants:

Q8- How do you identify yourself (Gender)?

A. Male
B. Female
C. Others
D. Prefer not to disclose

Q9- Which age group do you belong to?

A. 18-34
B. 35-54
C. 55-74
D. 75 & above

Q10- In which region are you based?

A. North America

B. Asia
C. Africa
D. Europe
E. South America
F. Australia/Oceania

Q11- What is the size of your organization/institution?

A. Individual
B. Small (2-100)
C. Medium-sized (101-500)
D. Large-sized (>500)

Q12- What best describes your job?

A. Graduate student
B. Postgraduate student
C. Doctoral student
D. Established researcher (>5 publications)
E. Journal editor
F. Postdoctoral fellow
G. Publisher
H. Other (Please specify)