WILL THE E-BOOK *BYTE* INTO THE PRINT INDUSTRY?

When the first commercial e-readers were launched in the late 1990s, the publishing industry expressed concern about the future of the paperback. Its apprehension was understandable.

E-books offered then, as they do now, a less expensive, more environmentally friendly alternative to the material book, as well as allowed their purchasers the incomparable advantage of being able to store an entire library on a single device no bigger than a paperback but weighing considerably less.

Anxiety soon became an economic reality as authors began exploiting the digital novelty.

Stephen King was the first big name to release a new book exclusively in e-format.

An external user accesses the internet services at the OUR Information Centre (OURIC)

"E-books offered then, as they do now, a less expensive, more environmentally friendly alternative to the material book, as well as allowed their purchasers the incomparable advantage of being able to store an entire library on a single device no bigger than a paperback but weighing considerably less."

Indeed, the publishing industry is now at a tipping point, with almost as many digital books being published as traditional paperbacks.

E-libraries now offer digital tomes (books) to lenders, while e-textbooks for teachers and students are readily available as blackboards give way to whiteboards and technology becomes an integral part of the way the curriculum is accessed.

In fact, e-Books might be the saviours of the publishing industry, engaging those for whom technology shapes the way they read the world.

This article will examine the advantages of e-Books.

WHAT'S INSIDE

Have you heard the term *LNG* and wondered *what it means?*

Word Wise "LNG"

LNG or Liquefied Natural Gas is natural gas that has been cooled to a liquid state, at about -260° Fahrenheit, for shipping and storage. The volume of natural gas in its liquid state is about 600 times smaller than its volume in its gaseous state. This process makes it possible to transport natural gas to places pipelines do not reach.

Get to know the OUR Information Centre like never before!

OURIC wants you to get to know us better! The OUR Information Centre has published three (3) promotional flyers to help you to get to know us better! Find out where we are located; What resources we have available; our opening hours and the services we offer. Make an appointment to come in and browse our collection; access our ICT services and more. You'll find digital editions of these infographics on our social media pages and on our website. Just click each image below!

You can also pick up physical copies on your next visit to the Office of Utilities Regulation (OUR).

So get the facts; learn our ABCs; and come and browse with us today.

Flyer 1 — 5 QUICK FACTS YOU SHOULD KNOW

OUR | Office of Utilities Regulation Information Centre (OURIC)
Your regional resource centre of choice for information on utilities regulation

THE OFFICE OF UTILITIES REGULATION INFORMATION CENTRE (OURIC) is the pride of the region, and the resource centre of choice for information on utilities regulation. OURIC houses a collection that is unmatched in the Caribbean with a significant number of publications written by the OUR's staff. Our resources are relevant to anyone interested in the utilities sector. OURIC is a unique entity. Our doors are open to YOU.

1. LOCATION
3rd Floor, PCJ Resource Centre
36 Trafalgar Road, Kingston 10

2. RESOURCES
Information on the electricity, water and sewerage and telecommunications sectors

3. EXPERT PUBLICATIONS
Hundreds of in-house publications created by our experts

4. ONE OF A KIND FACILITY
Only facility of its kind in Jamaica

5. OPENING HOURS
Open to the public on weekdays from 9:00 am - 4:30 pm, except public holidays

Office of Utilities Regulation Information Centre
3rd Floor, PCJ Resource Centre, 36 Trafalgar Road, Kingston 10
Tel: 876-968-6055
website: our.org.jm email: ouric@our.org.jm
@TheOURja

Flyer 2 — GET TO KNOW OUR ABCs

OUR | Office of Utilities Regulation Information Centre (OURIC)
Your regional resource centre of choice for information on utilities regulation

A — ACCESS OUR REFERENCE SERVICE
How may we help you? We'll find a way! At OURIC, we prize our reference service as an opportunity for meaningful interaction between us and you. Let us skillfully match our available resources to your information needs.

C — CONNECT WITH OUR ICT SERVICES
Get connected with our ICT services for research, email and word processing. Share documents, communicate with friends and associates or simply surf!

ACQUIRE EXPERT INFORMATION FROM OUR PUBLICATIONS
You can count on us for reliable information because our experts have written hundreds of publications on the subject of utilities regulation - Tariff Decisions, Consultation Documents, Determination Notices, Directives and more!

COME IN TO OUR OFFICE
We're not your average special library - OURIC has the public in its heart! Make an appointment to see us from Monday to Friday, 9:00 am to 4:30 pm!

ASK OUR LIBRARIAN
Talk to our trained professional to find out more about the OUR and the utilities regulatory sector. Let us guide you to the resources you need in a customer-friendly environment.

CONTACT US
You'll find us at the Office of Utilities Regulation
3rd Floor, PCJ Building
36 Trafalgar Road, Kingston 10.

B — BROWSE OUR COLLECTION
Browse our over 3,000 printed volumes, more than 1,000 periodical titles, and approximately 200 audiovisuals. We have an expansive Law collection and our in-house publications span the electricity, telecommunications and water and sewerage sectors.

SO NOW YOU KNOW OUR A, B, Cs ...
We can't wait to hear from you!

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Flyer 3 — Come and Browse with us

OUR | Office of Utilities Regulation Information Centre (OURIC)
Your regional resource centre of choice for information on utilities regulation

at the **OFFICE OF UTILITIES REGULATION INFORMATION CENTRE (OURIC)**

OURIC collects, organises, preserves, promotes and provides access to intellectual content, created by our expert team at the Office of Utilities Regulation (OUR). Our wide-ranging Collection features Regulatory Decisions dating back to 1997, and documents that are all relevant to the electricity, telecommunications and water and sewerage sectors which the OUR regulates. Our Collection is the only one of its kind in the Caribbean. Check us out!

1. Tariff Applications
Tariff Applications are requests submitted by public utility companies when seeking to have a review of their rate structure (rate review).

2. Consultation Documents
Consultation Documents are public discussion papers in which the OUR:
• brings to the public attention important issues relating to utilities regulation;
• puts forward options and/or proposals as to the approach to adopt in dealing with these issues and to seek to resolve them in the best interests of consumers and the society at large, and invites comments from the general public and from other interested entities such as service providers, businesses, professionals and academics.

3. Jamaica National Numbering Plan
The Jamaica National Numbering Plan devises rules that ensures fair and equitable access to telecommunication numbers by carriers and service providers in Jamaica.

4. Directives
Directives are mandatory instruments issued by the OUR specifying the manner in which matters must be dealt with by utilities.

5. Determination Notices/Decisions
A Determination Notice outlines a definitive decision, opinion or conclusion prepared and issued by the OUR on a matter such as a response to a request for a rate review by a public utility. The document presents the legal authority for the OUR's decisions on the matter as the independent regulator. (Decisions are usually made based on consultations, discussions and best practices).

6. Quality of Service Standards
Quality of Service (QoS) Standards are a set of Overall and Guaranteed Standards developed by the OUR to ensure that the providers of electricity, water and telecommunications services deliver a certain value to consumers. The OUR regulates the services of utility service providers, prescribing minimum standards in relation to utility services. The existence of Overall and Guaranteed Standards serves as a guide to service delivery and motivates the service providers to strive for continuous improvements in service to consumers.

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Will the e-Book byte…?

Advantages of e-Books over traditional media

• **More portable**
Printed books can be very heavy, unlike modern e-Reader devices which are lightweight. The portability of these devices containing hundreds of titles give them a distinct advantage over their physical counterparts. Additionally, it is simpler and cheaper to download a new e-Book than to locate the nearest bookstore.

• **Built in dictionaries**
Most modern e-Readers have built-in dictionaries, giving the reader the capacity to find meanings of words by simply tapping on the unfamiliar word. The dictionary definition then appears on the screen.

• **Take up less space**
Without question, it is much easier to manage a large digital library collection, than bookshelves filled with hundreds or thousands of books.

• **Customisable**
E-readers allow for customisation of text to the comfort of the individual reader.

• **More environmentally friendly**
It may seem strange to think than an electronic device could have less of an impact on the environment than traditional books, but e-Readers typically utilise fewer resources in their production than a large number of books. Manufacturing one Kindle produces as much CO_2 as producing 30 print books.

Most avid readers will offset this figure in less than a year by switching to e-Books. While paper can be recycled, the paper recycling process itself can cause environmental pollution because of the sludge that is produced during the de-inking process.

• **Can be read in the dark**
Because e-Readers are backlit, there is no need to have an external light source to read them - they can be read in the dark or in low-light situations anywhere.

As long as your device is charged, you can read at nights, during power outages, or outside in the evenings without requiring external light. The reality is that e-Books can be read in more diverse situations than can traditional print books.

So which do you prefer, print or e-Book? Look out for our next feature when we'll explore other aspects of this debate.

SOURCES:
https://www.pewresearch.org/internet/2012/04/04/the-rise-of-e-reading-5/
https://owlcation.com/humanities/10-Reasons-Why-e-Books-are-Better-than-Print-Books
https://www.irishtimes.com/culture/books/the-rise-and-rise-of-the-ebook-1.1320014

Are You An E-book Or Print Book Lover?
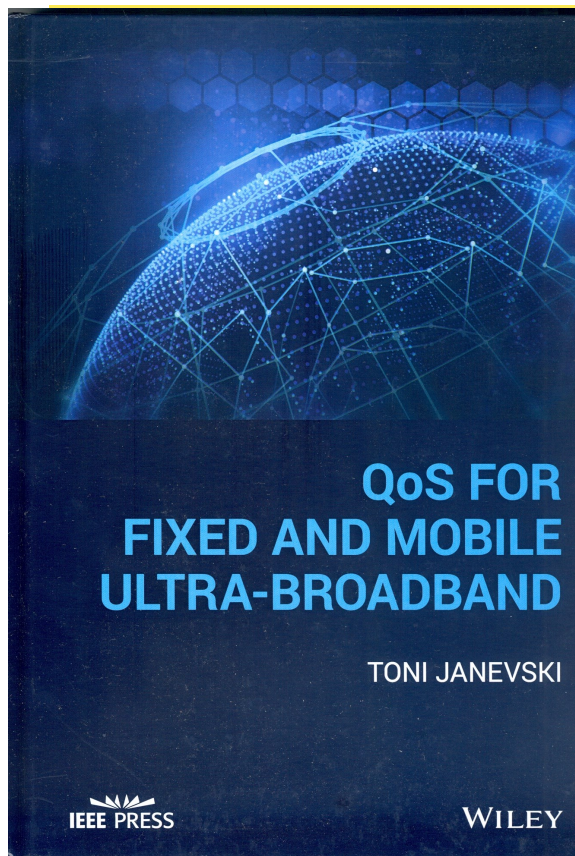## Please TAKE THE QUIZ to find out here.

Upcoming
EVENTS

• COLLABORATION WITH UNIVERSITIES AND REGIONAL STAKEHOLDERS FOR RESOURCE SHARING

• INSTALLATION OF ONLINE PUBLIC ACCESS CATALOGUE (OPAC)

• OURIC WEBPAGE ON OUR'S WEBSITE

STAY TUNED!

SOMETHING BIG IS COMING

ARE YOU READY?

QoS FOR FIXED AND MOBILE ULTRA-BROADBAND

TONI JANEVSKI

IEEE PRESS   WILEY

Quality of Service (QoS) has been mandatory for traditional telecommunication services such as telephony (voice) and television (TV) since the first half of the past century, however, with the convergence of telecommunication networks and services onto Internet technologies, the QoS provision remains a big challenge for all ICT services, not only for traditional ones.

QoS for Fixed and Mobile Ultra-Broadband covers the standardized QoS technologies for fixed and mobile ultra-broadband networks and services, including the business aspects and QoS regulation framework, which will all have high impact on the ICTs in the current and the following decade.

The book begins by introducing readers to the telecommunications field and the technology, and the many aspects of both QoS and QoE (Quality of Experience). The next chapter devotes itself to Internet QoS, starting with an overview of numerous technology protocols and finishing with business and regulatory aspects. The next three chapters look at QoS in Next-Generation Network (NGN) and Future Networks, QoS for fixed ultra-broadband, and QoS for mobile ultra-broadband.
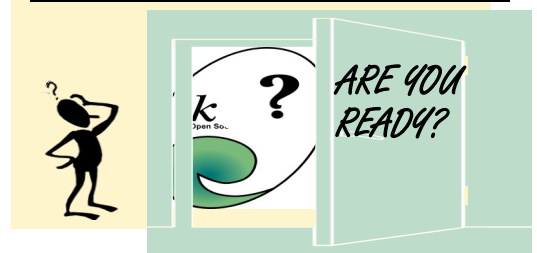
The book also provides in-depth accounts of services in fixed and mobile ultra-broadband; broadband QoS parameters, KPIs, and measurements; network neutrality; and the QoS regulatory framework. *QoS for Fixed and Mobile Ultra-Broadband* is an excellent resource for managers, engineers, and employees from regulators, ICT government organizations, telecommunication companies (operators, service providers), ICT companies, and industry.

It is also a good book for students and professors.

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ULR
UTILITIES LAW REVIEW

• Utilities Regulation
• Market Regulation
• Competition Law
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LAWTEXT PUBLISHING

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Utilities Law Review is a bimonthly peer-reviewed journal covering the regulatory and competition law aspects of network industries including the energy, communications and transport sectors in the UK and EU. It offers comprehensive coverage of the following sectors:

- Electricity
- Gas
- Broadcasting and Telecommunications
- Transport
- Water
- Nuclear energy

This is the defining journal in this fast changing field, providing:

- Detailed and expert commentary on the law and regulations that affect utility undertakings;

- Analysis of developments in competition law, market regulation, state aid and public procurement;

- Analysis of the EU Commission liberalisation, implementation and enforcement policies in this sector;

- Analysis of national governments policies, implementation and enforcement;

- Notice of forthcoming events and new publications.

WE WANT TO HEAR FROM YOU! Drop us a line at:

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