

IEMA  
Learning Outcomes for  
Certificate of Environmental  
Management

number 10 -Communication

Gillian Gibson

# About me:

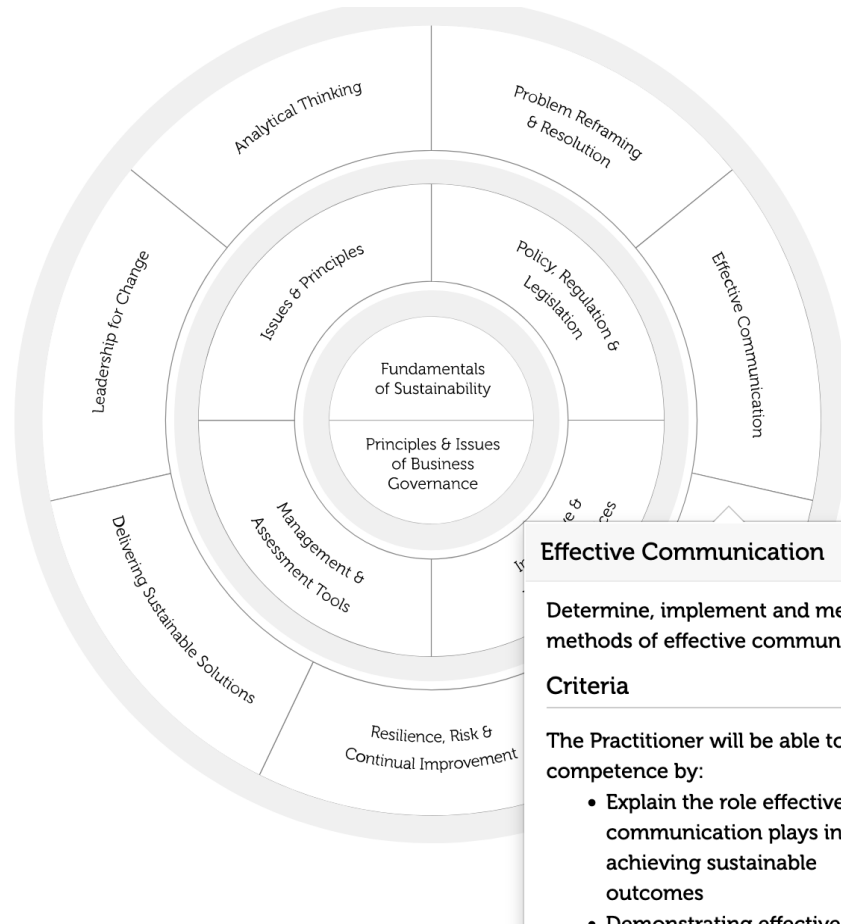
- Chartered Environmentalist
- FIEMA (FSEGH)
- Teaching CEM (and previous iterations) over twenty years
  
- Also Fellow SEGH

# IEMA Skills

## Taking Action

At the heart of IEMA is a community of professional experts working to make the future better

Practitioner membership makes you part of this community. It recognises everything you're doing to help make business future-proof while giving you the practical support you need. We can help you deliver on your sustainability goals, with information, best practice and tools to put you ahead on ideas and innovation. You can also get the training you need to increase your knowledge and skills in the field. You can expect to build your influence and connect with others like you across IEMA, as part of the Practitioner community.



### Effective Communication

Determine, implement and measure methods of effective communication

#### Criteria

The Practitioner will be able to show competence by:

- Explain the role effective communication plays in achieving sustainable outcomes
- Demonstrating effective use of communication skills and understanding how communication methods can facilitate improved performance
- Identifying the interests and viewpoints of relevant internal and external stakeholders
- Explaining how communication methods need be adapted to ensure meaningful engagement
- Describing the differences between informing, consulting and engaging

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- Demonstrating effective use of

What is it?

benchmark for environment and sustainability professionals sleeves rolled up; membership for the working experts who are driving change.


What is it for?

professionals who are working across organisations at an operational level and pursuing a career path in environment and sustainability.

# Communication!







**Is This Meeting  
Really  
Necessary?**

Do you have something to say?





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# Some great rules to follow







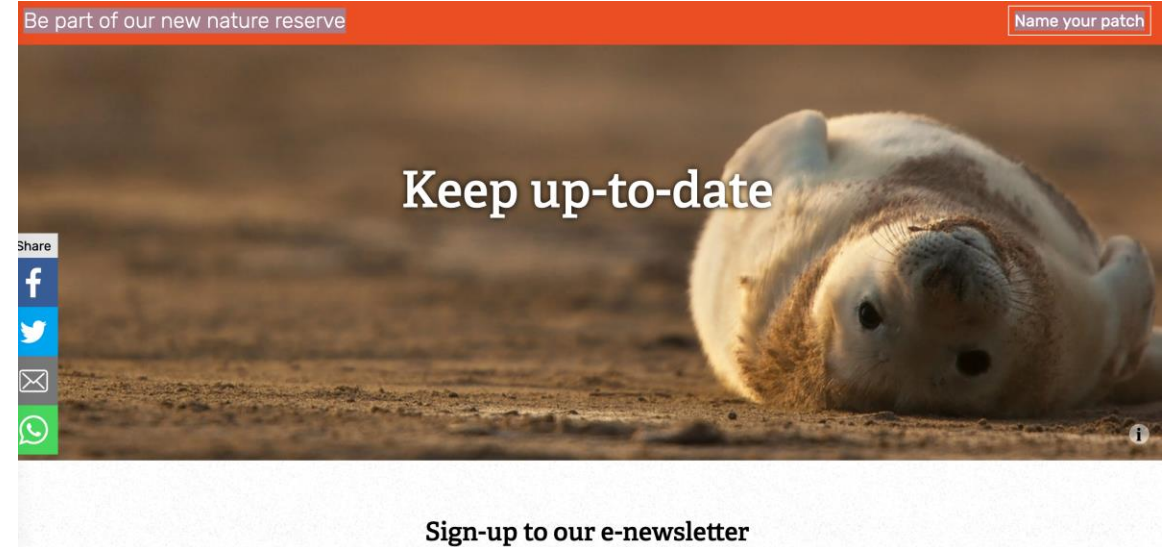






# External stakeholders:

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YOU HAVE TWO EARS  
AND ONE MOUTH



USE THEM PROPORTIONATELY

[thewisequotes.blogspot.in](http://thewisequotes.blogspot.in)







## “Old” and “new” contaminants and their management: learning from the past, looking to the future

Gillian Gibson · Andrew Cundy · Nswana Kafwamfwa · Alex Stewart

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**Abstract** Within the 50 year lifetime of the Society for Environmental Geochemistry and Health (SEGH), we have seen a number of contaminants transfer from being the wonder chemical of their day through to becoming current contaminants of concern. This is also true for a variety of emerging contaminants such as plastic microbeads, pharmaceutical residues, and

fire retardant chemicals, amongst others. This thought piece discusses the risk associated with a range of these emerging contaminants, their global nature, how existing models and frameworks can be applied to deal with their impacts, and research and management gaps and challenges.



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Perspective

## Unnatural Cycles: Anthropogenic Disruption to Health and Planetary Functions

Gillian Gibson <sup>1,\*</sup> and Alex G. Stewart <sup>2</sup>

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**Abstract:** Natural cycles underpin the very stuff of life. In this commentary we consider unnatural cycles: that is, anthropogenic activities which have a circularity, but whose nature is to have a detrimental effect on human health, exacerbating existing problems. Natural cycles have feedback loops, some of which have recently come to light, with an understanding that everything is connected in some way. In health, feedback loops are imperative in homeostatic mechanisms. However, in the unnatural cycle the feedback loops serve to reinforce (and in some cases amplify) negative problems. We offer a commentary on an unnatural cycle moving from air quality to lung function and back to air quality; we call this the lung disease unnatural cycle. We suggest where links occur, and where wider consideration of interactions between various disciplines can lead to breaking this unnatural (or vicious) cycle, changing it to a healthy cycle where individual health can be improved, along with better global scale outcomes. We suggest that many activities within this unnatural cycle occur within silos. However, the improved cycle incorporates joint activities at geological, health, and financial levels, to the mutual benefit of all, breaking the unnatural cycle and improving health, life, and financial costs.

**Keywords:** natural cycles; air pollution; asthma; chronic obstructive airways disease; mining; sustainability; circular economy



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### FOREWORD

The publication of this latest edition of the World Environment Report (WER) presents the state of the global environment in 2020. While the world is still at the mercy of environmental degradation, it is clear that the global environmental agenda is being shaped by the actions of individuals and organizations alike. This year's report is a call to action, not only for governments and the private sector, but also for individuals and organizations alike. It is a call to action to protect the planet for ourselves and for future generations.

**Arifio Gutierrez**  
Executive Director  
UNEP

The consequences of failing to invest in and effectively manage the environment are profound and far-reaching. That's why the WER 2020 is so important. It's not only the 20th edition of the WER, but also the first in a series of reports that will be published in 2020. It's a call to action for governments, the private sector, and individuals alike. It's a call to action to protect the planet for ourselves and for future generations.

### 2017 HIGHLIGHTS

**175th MEETING OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY**  
The High Level Panel of Experts (HLPE) of the High Level Panel of Experts (HLPE) was established to provide independent scientific advice to the High Level Panel of Experts (HLPE) of the High Level Panel of Experts (HLPE). The HLPE was established to provide independent scientific advice to the High Level Panel of Experts (HLPE) of the High Level Panel of Experts (HLPE).

**RECORDED NUMBER OF UN MEMBERS BECOME CLIMATE NEUTRAL**  
According to the 2020 edition of the State of the Environment Report, a record number of countries have committed to becoming climate neutral. This is a significant milestone in the fight against climate change.

**COAL CONVENTION CELEBRATES 50 YEARS**  
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### ENVIRONMENT UNDER REVIEW

**BOSNIA AND HERZEGOVINA LOOKS TO CLEAR THE AIR**  
Bosnia and Herzegovina (BiH) is a country that is rich in natural resources and has a long history of environmental protection. However, the country is currently facing a number of environmental challenges. One of the main challenges is air pollution. The country is currently facing a number of environmental challenges. One of the main challenges is air pollution.

**Powering A Response**  
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### BUDGET PERFORMANCE

**FINANCIAL OVERVIEW**  
Our published report for the 2020-2021 financial year shows a strong performance across all areas. The budget is on track, and we have made significant progress in several key areas.

**THE FINANCIAL BUDGET ALLOCATION FOR THE ENVIRONMENT**



# annual report

2017/2018

**YOUR COMPANY**

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## VCTR SET ANNUAL REPORT

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Communication, collaboration, success, recognition;  
where next?

## HUW WATKINS SYMPHONY NO.2 WINS SOUTH BANK SKY ARTS 2022 CLASSICAL MUSIC AWARD

The Hallé are delighted to announce that we have been awarded a South Bank Sky Arts Award 2022 for our performance of Huw Watkins's ...

[MORE INFO](#)



Thank you for listening! (Hopefully with both ears and no distractions 😊)