

# Nature Masterclasses On-demand クイックレファレンスガイド（IPアドレス認証） 東北大学様

2025年2月  
シュプリンガーネイチャー・ジャパン株式会社

**nature**  
masterclasses

# 目次

1	Nature Masterclasses On-demandとは？
2	ユーザー登録とログイン
3	コースの利用方法
4	ヘルプ、FAQ

# 1

## Nature Masterclasses On-demandとは？

# Nature Masterclasses On-demandとは？

Nature Masterclasses On-demandは、Natureポートフォリオジャーナルの編集者を含む国際的に著名な研究者・専門家が監修・制作した、研究活動に必要なスキルを学ぶためのオンライントレーニングです。

- すべての研究サイクル、キャリアを通じて研究者をサポートします。
- ご契約機関のすべての教員・学生・職員のみなさまが利用できます。

The screenshot shows the 'naturemasterclasses' website. At the top, there is a navigation bar with a hamburger menu icon, the text 'naturemasterclasses', and 'Log out' and 'My page' buttons. Below the navigation bar is a hero section with a background image of a woman. A dark overlay contains the text 'Home > On-demand Courses' and 'On-demand courses'. Below this is a yellow section with the heading 'Which Nature Masterclasses course should you take?' and a paragraph: 'From designing your experiments to advancing your career, Nature Masterclasses offer on-demand courses that cover the whole research cycle. Take this quiz to find out our top recommendations for you.' A 'Find out more' button is located below the paragraph. At the bottom, there are three columns, each with an icon and text: 1. A ribbon icon with the text 'Grow your research skills, confidence and career'. 2. A group of people icon with the text 'Learn from renowned international experts, including Nature Portfolio journal Editors'. 3. A flask icon with the text 'Find training to support you across the research lifecycle'.

# Nature Masterclasses On-demandとは？



Natureポートフォリオジャーナルの編集者を含む国際的に著名な研究者・専門家が監修・制作した高品質のコース



忙しい研究者が自分のペースで学習できるように、細かな単位で設計されたオンデマンド形式



調査データに基づき、研究者のニーズを満たすように設計・開発されたコンテンツ

## プレゼンターの例



**Magdalena Skipper**

Editor in Chief, *Nature* and  
Chief Editorial Advisor,  
Nature Portfolio



**W. John Kao**

Chair Professor of  
Translational Medical  
Engineering, The  
University of Hong Kong



**David Rueda**

Professor and Chair of  
Molecular and Cellular  
Medicine, Imperial  
College London



**Paola Quattroni**

Alliance Delivery  
Manager, Health Data  
Research UK



**Helen Pearson**

Chief Magazine Editor,  
*Nature*, Springer Nature



**Peter Gorsuch**

Chief Editor and Product  
Manager, *Nature  
Research Editing Service*,  
Springer Nature

# Nature Masterclasses On-demand コース一覧

研究サイクルの各段階に対応しています。

Design Research	Secure Funding	Experiment and Analyse	Write and Publish	Share and Disseminate	Develop your Career	Work with Others
Experiments: From Idea to Design	Finding Funding Opportunities	Data Analysis: Planning and Preparing	Writing a Research Paper: 2nd Edition 2024年1月更新	Advancing your Scientific Presentations	Building a Strong Online Researcher Profile 2024年6月リリース	Introduction to Collaboration
	Persuasive Grant Writing	Data Analysis: Conducting and Troubleshooting	Publishing a Research Paper: 2nd Edition 2024年11月更新	Creating Successful Research Posters	Getting an Academic Research Position	Participating in a Collaboration
		Interpreting Scientific Results	Writing and Publishing a Review Paper: 2nd Edition 2024年10月更新	Effective Science Communication		Leading a Collaboration
		Managing Research Data	Focus on Peer Review	Narrative Tools for Researchers		Networking for Researchers
			Research Integrity: Publication Ethics	Maximising the Impact of your Paper 2025年2月リリース		

各コースの詳細については、別資料「Nature Masterclasses On-demand コースの説明」をご参照ください。

# Nature Masterclasses On-demand コース一覧

モジュール数 / 必要時間 / キャリアステージ別

	コース	モジュール数	必要時間	修士・博士課程学生	ポスドク・教員
<b>Design Research</b>	Experiments: From Idea to Design	4	8.5	✓	
<b>Secure Funding</b>	Finding Funding Opportunities	1	3.5		✓
	Persuasive Grant Writing	3	7.5		✓
<b>Experiment and Analyse</b>	Data Analysis: Planning and Preparing	2	4.0	✓	
	Data Analysis: Conducting and Troubleshooting	3	5.0	✓	
	Interpreting Scientific Results	1	3.5	✓	
	Managing Research Data	4	10.0	✓	
<b>Write and Publish</b>	Writing a Research Paper: 2nd Edition	5	4.5	✓	✓
	Publishing a Research Paper: 2nd Edition	2	6.0	✓	✓
	Writing and Publishing a Review Paper: 2nd Edition	17*	4.0		✓
	Focus on Peer Review	4	3.5		✓
	Research Integrity: Publication Ethics	3	8.0		✓
<b>Share and Disseminate</b>	Advancing Your Scientific Presentations	4	10.0		✓
	Creating Successful Research Posters	1	4.5	✓	
	Effective Science Communication	1	6.5		✓
	Narrative Tools for Researchers	3	8.5	✓	✓
	Maximising the Impact of your Paper	8*	1.5		✓
<b>Develop your Career</b>	Building a Strong Online Researcher Profile	5*	1.0	✓	
	Getting an Academic Research Position	4	9.5	✓	✓
<b>Work with Others</b>	Introduction to Collaboration	1	2.5	✓	
	Participating in a Collaboration	1	5.0	✓	✓
	Leading a Collaboration	3	11.5		✓
	Networking for Researchers	4	8.0		✓

\* ショートレッスン (マイクロラーニングコース)

# 2

## ユーザー登録とログイン



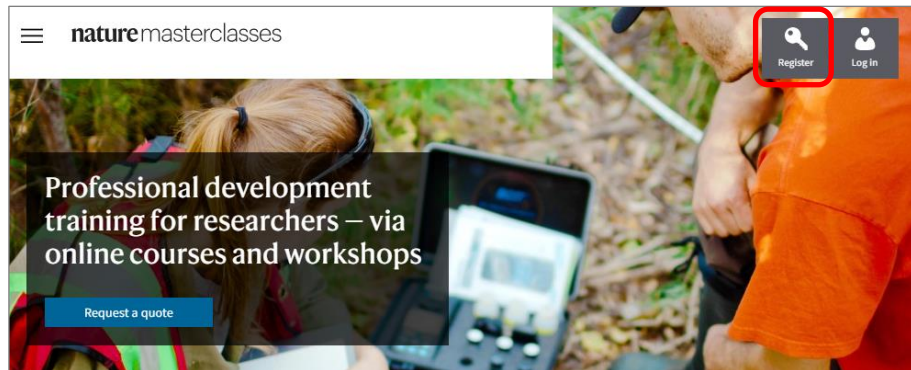
# ユーザー登録（1/5）初回のみ

Nature Masterclasses On-demandを利用するためには、最初にユーザー登録が必要です。所属機関の学内ネットワーク（VPN可）からアクセスしていることをご確認ください。

1. サイトにアクセス

<https://masterclasses.nature.com>

2. ページ右上の [Register] をクリック



ユーザー登録後、所属機関の情報が記憶され、6ヶ月間はどこからでもアクセスできます。6ヶ月以上キャンパス外にいた場合は、再度所属機関の学内ネットワークからログインし、接続を更新する必要があります。

## ユーザー登録 (2/5)

3. [Your institution] のドロップ  
ダウンメニューから所属機関を  
選択
4. パスワードを2回入力
5. メールアドレスを入力
6. 名、姓、職位、研究分野、国を  
入力または選択

### Registration

Please type only in English and Latin characters as this form is unable to accept other character types.

\* denotes mandatory fields

\* Your institution

Institution not listed

Tohoku University

\* Create a password

\* Confirm password

\* email address

\* First name

\* Last name

\* Job Title

- please select -

\* Discipline

- please select -

\* Country/Territory

- please select -

Tohoku University を選択

パスワードは10文字以上の  
英数字

- 大文字小文字を含むこと
- 記号は使用不可

メールアドレスを入力

- 所属機関のアドレスと  
フリーメールのアドレス  
のいずれも使用可

First Name (名)

Last Name (姓)

Job Title (職位)

Discipline (研究分野)

Country/Territory (国)

# ユーザー登録 (3/6)

7. 利用規約に同意し、プライバシーポリシーを読んだことをチェック
8. ロボットではないことをチェック
9. [Register] をクリック

Already registered? [Login here](#)


By clicking 'register' below, I agree that *Nature Masterclasses* (Springer Nature Ltd) can use my information to communicate with me about the online training courses I undertake. Personal information will be processed in line with the Springer Nature Ltd [privacy policy](#).

\* I accept the Terms and Conditions and confirm that I have read the Privacy Policy

[Privacy Policy](#) | [Terms and Conditions](#)

**Sign up for Nature Masterclasses Researcher News**

Sign up for these occasional emails containing useful content and/or information about tools for researchers from Springer Nature.

I'm not a robot  [Privacy](#) [Terms](#)

*We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).*

After clicking 'register', please check your inbox for an email to confirm your registration. The email sender is 'onlineservice@springernature.com'.

**Need support?**

If you need support with the registration process and know the access type your institution has subscribed to, please find our user guides [here](#). For further assistance, contact [our Support Team](#).

*Please type only in English and Latin characters as this form is unable to accept other character types.*

# ユーザー登録 (4/6)

10. 確認メールが送信されるので、  
メールボックスを確認

確認メールが届かない場合は、  
[Resend email] をクリック  
(迷惑メールのフォルダも  
ご確認ください)

✓ ACTION REQUIRED  
Please check your inbox to complete your registration. ×

We need to make sure that the email address you provided belongs to you.


To confirm your email address you need to:

1. Find our confirmation email in your inbox.
2. Click the link in the confirmation email.

**Didn't get a confirmation email?**  
Please also check your spam, junk or "unwanted" folder.

**Didn't find our confirmation email?**  
Have the message sent to you again.

Please note: the message will be sent to the email address you provided when registering.

I'm not a robot  [Resend email](#)

We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).

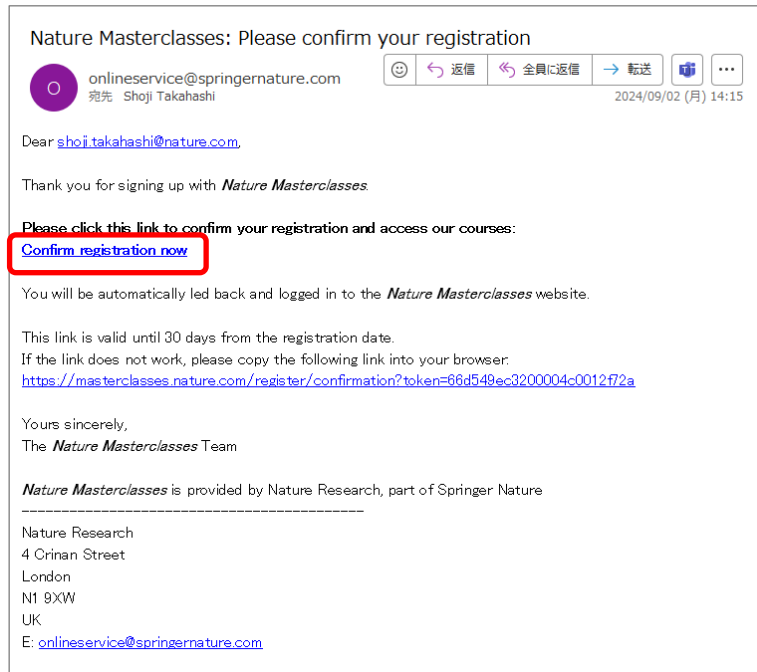
**Another problem?**

**Can't access the email address you provided?**  
If you can no longer access the e-mail address that is stored in our system, please contact our [customer service](#).

**Are you stuck?**  
Please contact our customer service, we will be happy to help you.  
[Customer Service](#).

# ユーザー登録 (5/6)

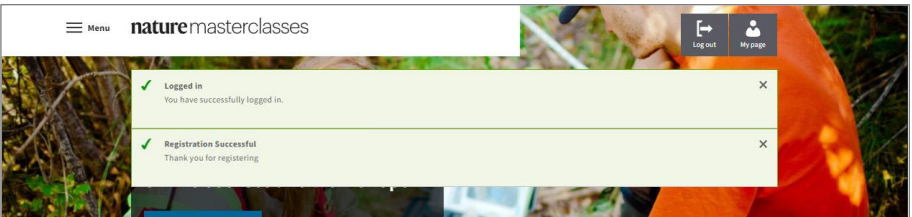
11. 確認メールを開き、  
[Confirm registration now] の  
リンクをクリック



# ユーザー登録 (6/6)

12. Nature Masterclassesにリダイレクトされ、自動的にログイン

これでユーザー登録は完了です。



ログイン前のアイコン

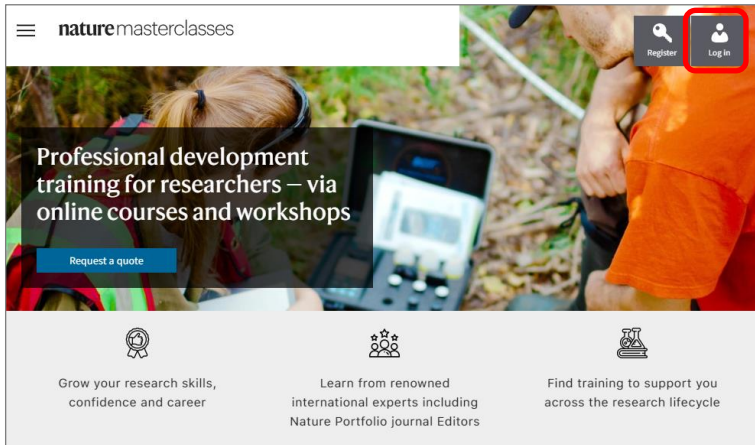


ログイン後のアイコン



# ログイン 2回目以降

1. ページ右上の [Log in] をクリック
2. メールアドレスとパスワードを入力
3. [Log in] をクリック



## Log in

### Regular login

If you have registered on this site.

Email address\*

Password\*

[Forgot your password?](#)

Remember Me

[Log in](#)

### Institutional login

(single sign on)

If your institution provides access to Nature Masterclasses via its own login system.

[Select your institution](#)

**Not registered yet?**

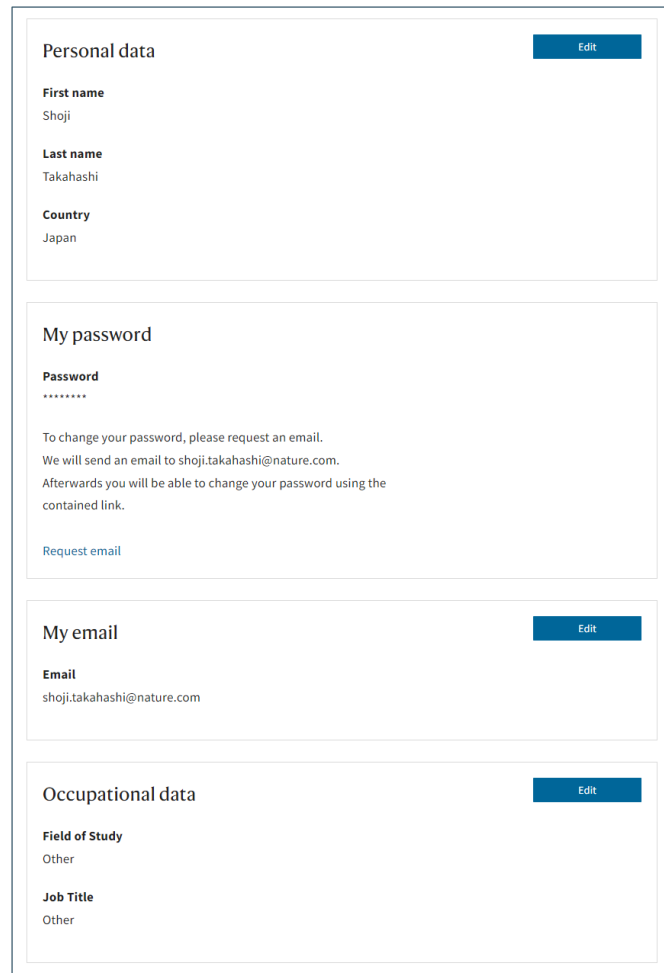
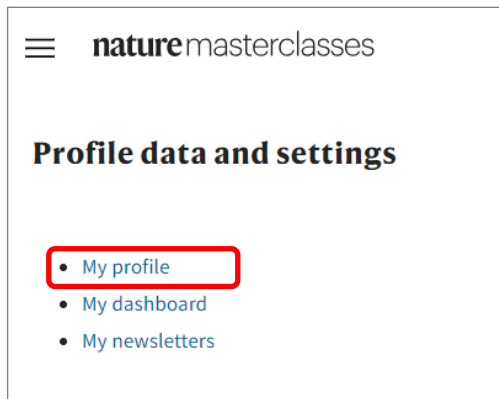
Better informed professionals make better decisions. The bundled expertise from all specialist areas supports you in keeping an eye on new developments in your field and being able to offer the best possible solutions.

[» Create new account](#)

パスワードを忘れた場合は、Forgot your password? をクリックし、パスワードをリセットしてください。

# 登録情報の確認/変更

登録情報の確認/変更は、[My page]  
> [My profile]で行うことができます。



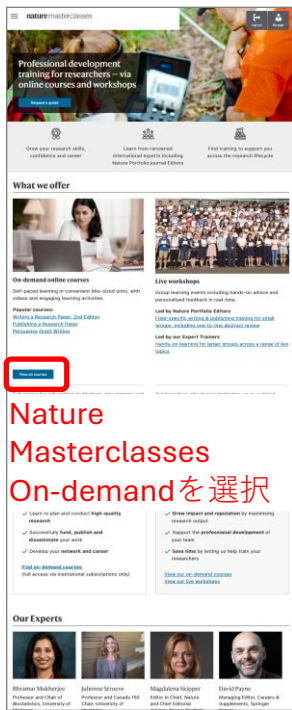


# 3

## コースの利用方法

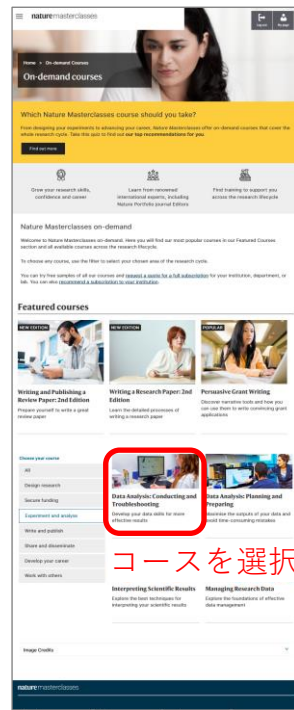
# Nature Masterclasses On-demandのナビゲーション

Nature Masterclasses  
トップページ



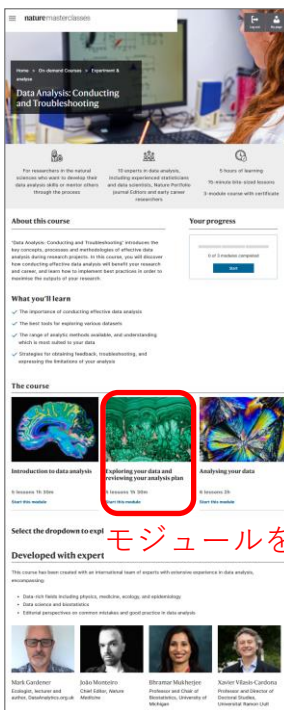
Nature Masterclasses  
On-demandを選択

Nature Masterclasses  
On-demandホームページ  
(コース一覧)



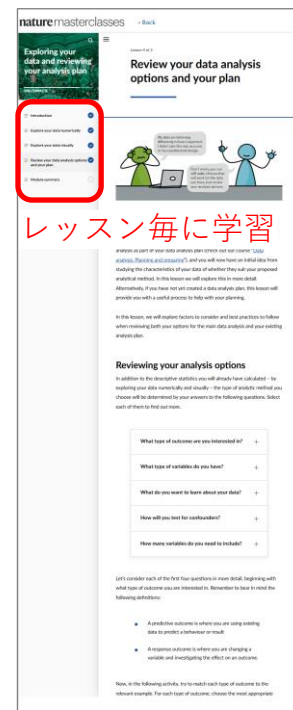
コースを選択

コースのホームページ  
(モジュール一覧)



モジュールを選択

モジュールのページ  
(複数レッスン)

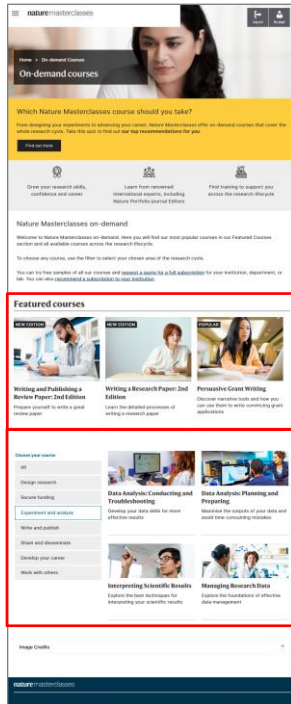


レッスン毎に学習

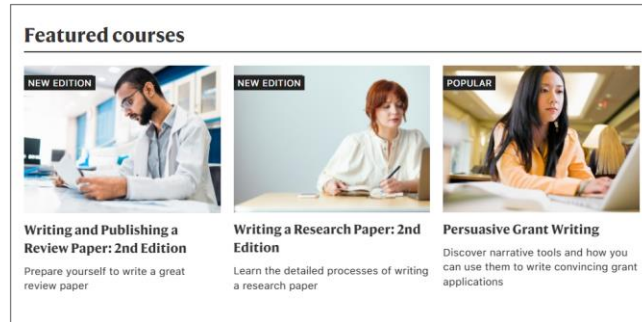


# Nature Masterclasses On-demandホームページ（コース一覧）

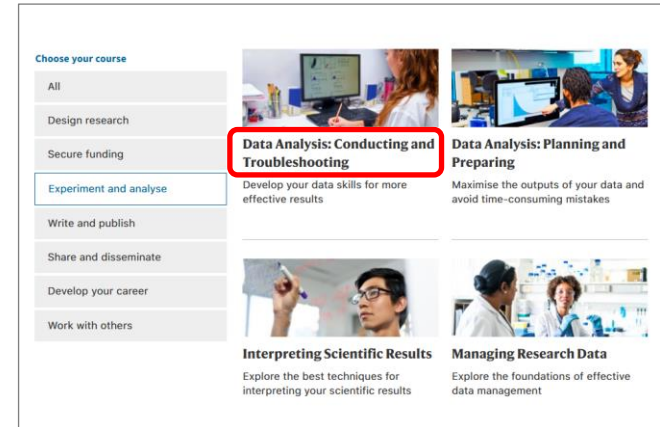
Nature Masterclasses On-demandホームページからコースを選択します。



注目コースから選択



研究サイクル別コース一覧から選択



Nature Masterclasses On-demandホームページを  
ブックマークすることをおすすめします。

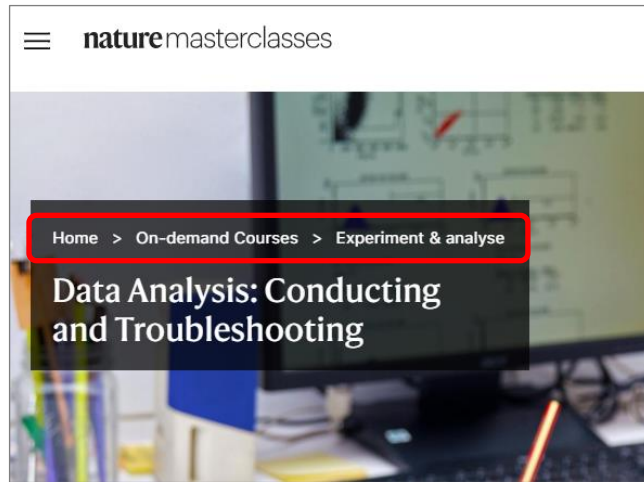
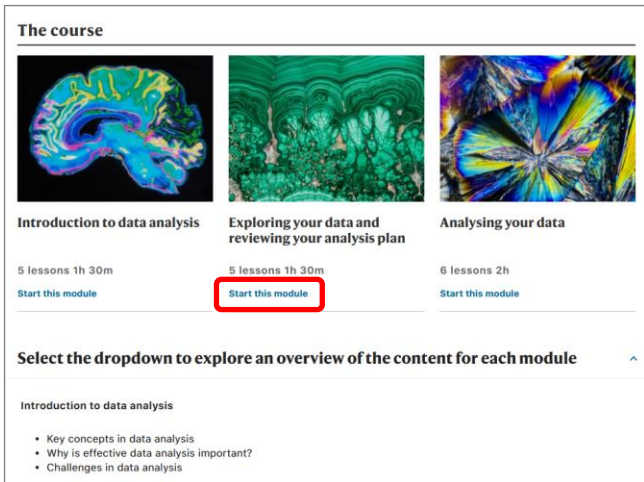
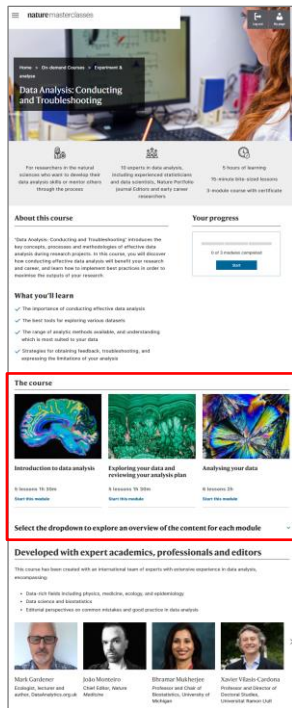
<https://masterclasses.nature.com/catalogue>

# コースのホームページ（モジュール一覧）

コースは1つまたは複数のモジュールで構成されています。  
コースのホームページからモジュールを選択して学習を開始します。

モジュール一覧から選択

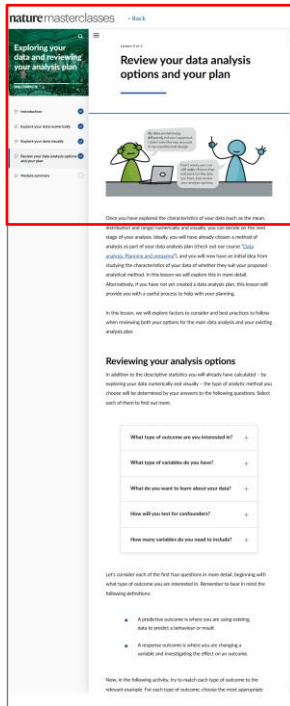
上位ページへのナビゲーション



# モジュールのページ（複数レッスン）

モジュールは細かく分割された複数のレッスンで構成されます。  
各レッスンは、テキスト、ビデオ、アクティビティなどで構成されています。

左パネルで進捗状況を確認



nature masterclasses > Back

Lesson 4 of 5

## Review your data analysis options and your plan

Once you've explored the characteristics of your data (such as the mean, distribution and range) numerically and visually, you can decide on the next stage of your analysis. Ideally, you will have already chosen a method of analysis as part of your data analysis plan (check out our course 'Data analysis: Deciding on a method'). Now we will see how we can decide how to study the characteristics of your data to whether they suit your proposed analysis method. In this lesson we will explore this in more detail. Alternatively, if you have not yet created a data analysis plan, this lesson will provide you with a useful process to help with your planning.

In this lesson, we will explore factors to consider and best practices to follow when choosing both your options for the main data analysis and your meeting analysis data.

### Reviewing your analysis options

In addition to the descriptive statistics you will already have calculated - the numbers on data themselves are usually - the type of analysis method you choose will be determined by your answers to the following questions. Select each of them to find out more.

What type of outcome are you interested in? +

What type of variables do you have? +

What do you want to learn about your data? +

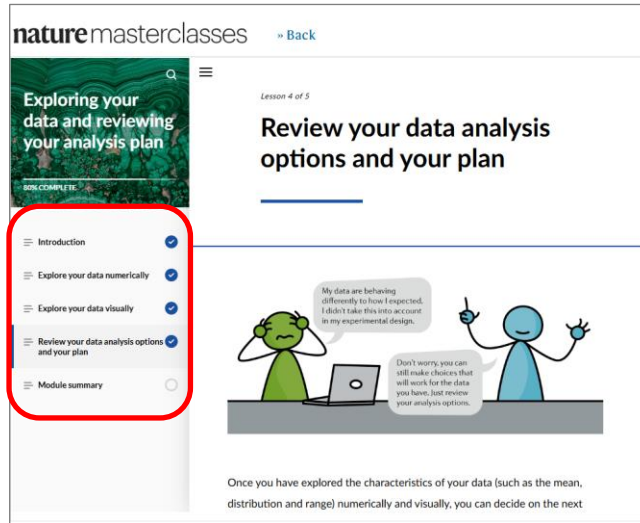
How will you test for confidence? +

How many variables do you need to include? +

Let's consider each of the first four questions in more detail. Thinking with what type of outcome you are interested in. Remember to bear in mind the following definitions:

- A **predictive outcome** is where you are using existing data to predict a behaviour or result.
- A **response outcome** is where you are changing a variable and investigating the effect on an outcome.

Now, in the following activity, try to match each type of outcome to the relevant example. For each type of outcome, choose the most appropriate



nature masterclasses > Back

Lesson 4 of 5

## Review your data analysis options and your plan

100% COMPLETE

- Introduction
- Explore your data numerically
- Explore your data visually
- Review your data analysis options and your plan
- Module summary

My data are behaving differently to how I expected. I didn't take this into account in my experimental design.

Don't worry, you can still make choices that will work for the data you have. Just revise your analysis options.

Once you have explored the characteristics of your data (such as the mean, distribution and range) numerically and visually, you can decide on the next

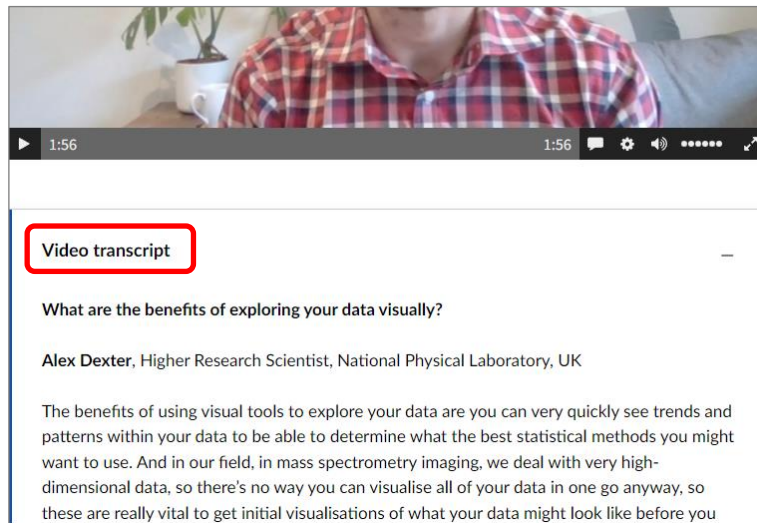
# ビデオの字幕とトランスクリプトを表示

すべてのビデオには字幕とトランスクリプトが用意されています。

字幕メニューからEnglishを選択



ビデオ下の [Video transcript] を選択



# 進捗状況のトラッキング (1/2)

各コースの進捗状況は、各コースのYour progress欄で確認することができます。全モジュールを完了すると、認定書 (Certificate) をダウンロードできます。


### About this course

---

'Advancing Your Scientific Presentations' teaches you how to create more memorable and engaging presentations to your scientific peers. In the course, you will discover how you can develop your research story - the foundation of your presentation - using narrative tools, how to build a slide deck that supports and enhances your presentation, and how to prepare to deliver your presentation on the day.

### Your progress 進行中のコース

---



1 of 4 modules completed

Resume

### About this course

---


Being easily found and contacted online by different stakeholders such as journal editors, industry professionals, journalists and fellow researchers is crucial in fostering collaborations and advancing your career.

This microlearning course aims to equip you with the essential skills to build and optimise your online researcher profile(s).

You will learn how to choose the right websites and platforms to

### Your progress 完了したコース

---



All modules completed  
Course finished

Download course certificate

認定書をダウンロード



nature  
masterclasses
18 September 2024

Certificate of Course Completion 認定書

This is to certify that  
**Shoji Takahashi**  
has successfully completed  
**Building a strong online researcher profile**  
A Nature Masterclasses online course

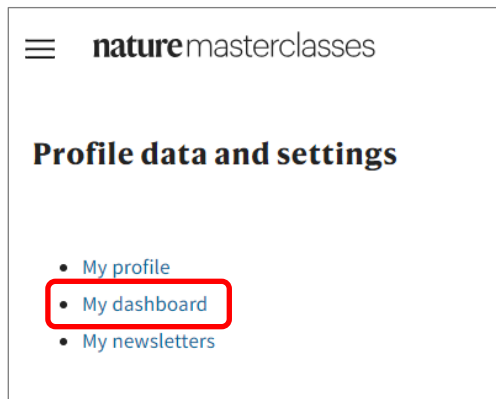


*Magdalena Skipper*  
Magdalena Skipper, PhD  
Editor-in-Chief, Nature  
Chief Editorial Advisor, Nature Research

SPRINGER NATURE

# 進捗状況のトラッキング (2/2)

[My profile] > [My dashboard] で全コースの進捗状況をまとめて確認できます。完了したコースの認定書 (Certificates) をダウンロードできます。



**Courses in progress** 進行中のコース



Started | 30-09-2019

Advancing your Scientific Presentations

Completed modules: 1 of 4

[Continue](#)

---

**Courses completed** 完了したコース



Completed

Building a strong online researcher profile

Completed

Finished on: 18-09-2024

---

**Certificates** 認定書をダウンロード

Building a strong online researcher profile

[Download](#)

Finished on: 18-09-2024





4

ヘルプ、FAQ

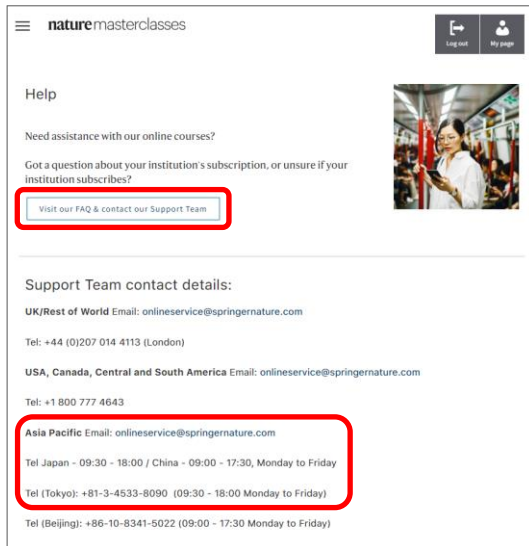
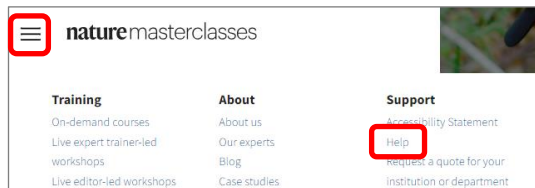
# ヘルプ、FAQ

技術的な問題が発生した場合は、まずはFAQをご覧ください。  
問題が解決しない場合は、カスタマーサービスにご連絡ください。

メニューから [Help] を選択

カスタマーサービス

FAQ（日本語・英語）



カスタマーサービス  
(日本語・英語に対応)

Email: [onlineservice@springernature.com](mailto:onlineservice@springernature.com)  
Tel: 03-4533-8090