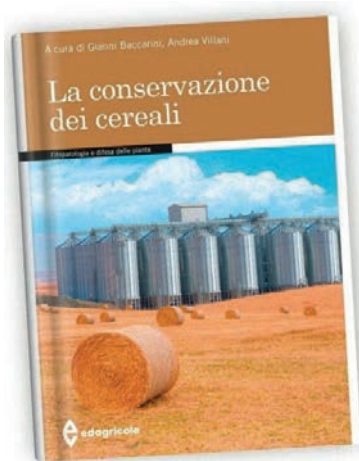


## RECENSIONI DI LIBRI

### LA CONSERVAZIONE DEI CEREALI

A CURA DI:  
GIANNI BACCARINI, ANDREA VILLANI



II Edizione - 2024  
€ 29,00 - Edagricole di New Business Media srl  
ISBN: 978-88-506-5651-6  
Pagine 256 - formato 17 x 24 cm  
e-mail: libri.edagricole@newbusinessmedia.it  
www.edagricole.it

Una nuova edizione completamente rivisitata e con nuovi approfondimenti

La conservazione, quale anello di congiunzione intermedio e multidisciplinare fra la produzione e la trasformazione delle materie prime, è oggi chiamata a concorrere all'assicurazione dei due pilastri fondamentali del sistema alimentare - quantità e qualità - riassunti nei concetti della Food safety e della Food security, con la seconda destinata ad assumere una sempre maggiore attualità, in un mondo in cui le risorse produttive si avviano a diventare limitate e devono diventare sostenibili in termini ambientali ed economici.

Questo libro, grazie all'apporto dei migliori esperti del settore e attraverso l'approfondimento delle numerose problematiche connesse allo stoccaggio dei cereali e alle filiere mercantili, vuole invitare a una nuova e moderna pratica conservativa, capace di ridurre l'impatto ambientale tramite un uso corretto delle risorse e dei mezzi di difesa, in una visione d'insieme che abbracci sostenibilità, rispetto del lavoro e del territorio.

#### INDICE:

Strutture e tecniche di conservazione - Il ruolo della conservazione nella valorizzazione dei prodotti di filiera - Conservazione dei cereali, destinazioni d'uso e casi specifici (riso e sementi) - Conservazione e gestione contaminanti, residui, allergeni - Infestanti e tecniche di gestione - Caratterizzazione merceologica dei cereali e dei semi oleosi: le difettosità dei cereali e dei semi oleosi - Norme e schemi di certificazione applicabili alla conservazione.

#### CURATORI:

**Gianni Baccarini**, esperto del settore cerealicolo, è consulente in ambito qualità, sostenibilità delle produzioni e sicurezza agroalimentare. Partecipa a diversi gruppi di lavoro istituzionali, è docente di Corsi di formazione e autore di diverse pubblicazioni di settore.

**Andrea Villani**, agronomo, Accademico corrispondente dell'Accademia Nazionale di Agricoltura e Accademico Ordinario dell'Accademia di Agricoltura di Torino, ha maturato la propria esperienza professionale nell'ambito della Borsa Merci di Bologna e di altre istituzioni di settore.

#### AUTORI:

Gianni Baccarini | Andrea Villani | Eugenio Giambastiani | Andrea Padovani | Amedeo Reyneri | Fabrizio Piva | Massimo Gregori | Andrea Demonitis | Lorenzo Petrini | Marcello Gatti | Carlo Brera | Paolo Guerra | Gianluca Avoni | Davide Busani.

### VINO SOSTENIBILE

Gli standard nazionali e internazionali

#### A CURA DI:

ETTORE CAPRI, ELISA FRASNETTI, LUCREZIA LAMASTRA



I Edizione - 2024

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[www.edagricole.it](http://www.edagricole.it)

Il testo si propone come una guida pratica alla sostenibilità del vino attraverso la storia dei sistemi di certificazione - nazionali e internazionali - che mirano a supportare le comunità, ridurre gli impatti ambientali e migliorare la competitività delle aziende, includendo anche aspetti di formazione e incoraggiando l'uso delle tecnologie per il miglioramento continuo.

Per le aziende, l'importanza dei sistemi di certificazione - in un momento storico in cui si fa sempre più necessaria la riflessione su cambiamenti climatici, biodiversità e risorse - risiede anche nella loro natura di strumento di autovalutazione, all'interno di un mercato sempre più orientato alle certificazioni di sostenibilità, capaci di generare impatto in termini di reputazione, innovazione, differenziazione e creazione di reti imprenditoriali.

Il libro è pensato sia per coloro che hanno già intrapreso percorsi di sostenibilità, sia per coloro che, ancora agli inizi, vogliono comprendere meglio i vantaggi culturali, sociali e tecnici connessi alla certificazione dei processi produttivi ed organizzativi della propria azienda.

INDICE:

Gli impegni nazionali e internazionali - La vitivinicoltura sostenibile - I programmi nazionali - Lo standard unico nazionale - Gli elementi imprescindibili di una gestione sostenibile - La misura della sostenibilità - La procedura di certificazione per le aziende - La formazione - Dichiarare il proprio impegno sostenibile.

AUTORI:

**Ettore Capri** è professore ordinario in Chimica agraria e direttore del centro di ricerca OPERA, l'osservatorio per lo sviluppo sostenibile in agricoltura (Università Cattolica del Sacro Cuore). Dal 2009 idea e sviluppa standard di sostenibilità per il settore agro-alimentare e la ristorazione. In questo contesto ricopre ruoli istituzionali presso le agenzie europee e presso i ministeri italiani.

**Elisa Frasnetti**, specialista di sostenibilità sociale per una catena della GDO, ha acquisito competenze nel campo della sostenibilità vitivinicola durante la sua esperienza come assegnista di ricerca presso l'Università Cattolica del Sacro Cuore. Qui si è dedicata alla sostenibilità nel settore agroalimentare e ristorativo, concentrando la sua atten-

zione sull'analisi degli impatti ambientali e sull'uso innovativo delle tecnologie per favorire lo sviluppo sostenibile.

**Lucrezia Lamastra** è professore associato in Chimica agraria presso l'Università Cattolica del Sacro Cuore. È stata responsabile scientifico del programma VIVA - La sostenibilità della vitivinicoltura in Italia, promosso dal Ministero dell'Ambiente e della Sicurezza Energetica, ed è coordinatore del comitato Scientifico del programma siciliano SOSTain.

## ..... CONGRESSI

### **DAIRY EXPO TECH 2024**

**5-6 December 2024 | Piacenza, Italy**

The event is focused on the machines and the equipments used in the dairy industry

The aim of the convention is to support the growth of the dairy industry displaying innovative solutions to overcome the challenges that this business is facing, such as sustainability, digitalization, staff training and lack of personnel, production efficiency, profitability etc.

Plenty of time will be dedicated to agricultural and economical politics, in order to encourage initiatives for social, environmental and economic sustainability.

Reducing carbon dioxide emissions, developing an increasingly sustainable production system and lowering the energy and water consumption are the targets of today's dairy industry.

These changes can't be applied without technological innovation, which not only provides environmental benefits, but can also help reducing costs and raw material consumption, fastening and automating the production process, exploiting digital opportunities etc.

Among the many events, are to be highlighted the Dairy Summit and Dairy Tech Summit, to stimulate discussions on production, transformation and distribution, the Dairy Overview, focused on new trends, and the Dairy Award, to give credit to the most innovative technological solutions. A panel named Piazza Formazione, in collaboration with the most prestigious universities, will be dedicated to the cooperation between education and business.

See the event page: <https://www.dairyexpotech.it/>

## **Hands-on Annual Vegetable Oil Deep Frying Course with Live Demonstrations**

**9-11 December 2024 | College Station, Texas, USA**

Program:

- December 09, 2024

Registration and course Briefing

- December 10, 2024

8:10 AM Basic Chemistry of Oils and Fats – Dr. Alam

9:30 AM Oxidative Stability and Shelf Life of Frying Oils and Fats – Dr. N. Senanayake

10:35 AM Hi-Oleic Oil: Availability, Price, Frying Data and Comparison with other Frying Oils” – B. Stobaugh

11:35 AM "Analytical Methods for Deep Frying Assessment”- J. Ulahanan

1:35 PM Formation of 3-MCPD and GE in Frying Oils and their negative health effects – J. Bello

2:35 PM Practical Demonstration: Live Frying of French fries with various selected frying oils and sensory evaluation of the fried products along with group discussion.

- December 11, 2024

8:10 AM Refining of Frying Oil and why it is Important to Remove Contaminants – J. Bello

9:10 AM "Industrial Frying System and the Criteria for Selecting Industrial Fryers” – C. Ryes

10:15 AM "Frying Oils: Chemistry, Filtration, and Adsorbents” – B. Cooke

11:15 AM "Use of Specialty Oils in Deep Frying” – Dr. Alam

12:15 PM Graduation Lunch-Diplomas will be handed over.

1:30 PM "Acrylamide in Frying Foods- A Concern: Dr. Alam

2:15 PM Use of Palm/Red Palm Oil in Deep Frying – TBA

3:15 PM Practical Demonstration: Frying Battered Chicken in Various frying oils and sensory evaluation of the fried product and oil evaluation

Event page: <https://fatsandoilsrnd.com/annual-courses/>

## **Convegno SISSG**

**11-13 December 2024 | Parma, Italy**

The Biennial Congress of Società Italiana delle Sostanze Grasse (SISSG) will be held in Parma, from December 11 to 13, at the Starhotel Du Park. The meeting will be focused on the use of fats as ingredients and will include four different sessions:

- Lipids as Ingredients
- Lipids and Animal Feeding
- Lipids and Nutraceuticals
- Lipids and Cosmetics

Experts from Universities, Research Centres and Companies will host each session through keynote presentations and thematic reports.

Check updates on the event page:

<https://www.sissg.it/congresso-sissg-2024-parma/>

## **Fuels of the Future 2025**

**20-21 January 2025 | Berlin, Germany**

The 22nd International Conference on Renewable Mobility "Fuels of the Future 2025" will take place on 20 & 21 January 2025 as an in-person event in Berlin. As customary, the conference will be held bilingually (German-English). It is anticipated that there will be in excess of 60 speakers and more than 700 national and international participants from various industries.

Participants from the following areas are expected to attend the conference: biofuels, renewable fuels, green hydrogen, e-fuels, agriculture/agricultural engineering, recycling/waste industry, oil industry, trade, automotive industry, e-mobility, shipping, aviation, chemical industry, academia, consulting firms, municipalities, heavy haulage, freight transport, energy industry, certification companies, politicians, government/public servants, embassies and consulates, trade associations, press.

See the event page: <https://www.fuels-of-the-future.com/en>

## **Clean Fuels Conference 2025**

**20-23 January 2025 | San Diego, California, USA**

The Clean Fuels Conference connects key players of the biodiesel, renewable diesel and sustainable aviation fuel industry for one can't-miss event. Clean fuels for land, sea and sky come together for a week of expert sessions, exhibits and showcases. Attendees include clean fuels producers and marketers, distributors, feedstock providers, fleet managers, Original Equipment Manufacturers (OEMs), ESG officers and members of the media.

Program overview:

- January 20

4:00 PM - PRE-CONFERENCE: Clean Fuels 101

4:00 PM - PRE-CONFERENCE: Carbon Programs 101

- January 21

8:30 AM - California Dreamin': Clean Fuels' Time to Shine

10:45 AM - Carbon Confessions: From CIs to Scope Emissions

10:45 AM - Changing the Narrative on Food and Fuel

1:15 PM - Acceleration of Change: A New Era for Clean Fuels

3:30 PM - Getting Federal Policy into Gear

- January 22

8:30 AM - All Aboard: Rail Contemplates Life After Diesel

10:45 AM - The Need for Speed: States Taking the Wheel

10:45 AM - New Frontiers: Expanding Markets for Low Carbon Liquid Fuels

1:00 PM - Fast-Forward: ASTM and Biodiesel Look to 2030 and Beyond

1:45 PM - TBA

2:45 PM - Pedal to the Metal: Original Equipment Manufacturers and the Latest in Diesel Technology

4:30 PM - Clean Fuels Happy Hour

• January 23

8:00 AM - Feedstock Revolution: Unleashing the Power for Clean Fuels (Closing breakfast session)

For more info, check the event page: <https://www.cleanfuelsconference.org/>

### **International Rendering Symposium, part of the International Production & Processing Expo**

**30 January 2025 | Atlanta, Georgia, USA**

Rendering is an integral and often invisible aspect of animal agriculture's economic and environmental sustainability. This program will discuss rendering's contributions, impact, and the future of the industry.

Date: Thursday, Jan. 30, 11:00 a.m. - 6:00 p.m.

Registration Fee: \$250

See the event page:

<https://www.ippexpo.org/education-programs/>

### **Palm & Lauric Oils Price Outlook Conference & Exhibition (POC2025)**

**24-26 February 2025 | Kuala Lumpur, Malaysia**

Event page: <https://www.pocmalaysia.com/>

### **Fats & Oils International Conference - Exhibition (FOIC)**

**6-8 March 2025 | JW Marriott Sahar, Mumbai, India**

The Oil Technologists Association of India (OTAI) – Western Zone has organized technological conferences and seminars for decades, consistently aiding research scholars, technology providers, and industry professionals enhancing their skills.

To better serve the Fats & Oils Industry, OTAI – WZ launched the "FATS & OILS INTERNATIONAL CONFERENCE – EXHIBITION (FOIC)" in 2019, with events planned every two years. FOIC 2019 was a success, although FOIC 2021 was canceled due to the COVID-19 pandemic. OTAI – WZ returned with FOIC 2023, which exceeded expectations.

FOIC always selects themes relevant to the industry's global context, making it a significant and beneficial event for participants worldwide.

The upcoming FOIC 2025, scheduled for 6th – 8th March 2025 at JW Marriott, Sahar, Mumbai, will focus on "Technological Innovations, Efficiency & Value Addition Following Principles of Green Chemistry."

This theme emphasizes value addition in Fats & Oils processing, from seed to oil, protein, and by-products. Given the industry's thin margins, it's essential to maximize value from all products, whether for human or animal consumption, oleochemicals, or biodiesel feedstock. Energy efficiency is also crucial, as it improves process econom-

ics and supports environmental sustainability.

Emerging biotech techniques, such as enzyme usage, are set to revolutionize oil processing and byproduct production.

Food safety is another key focus, particularly minimizing undesirable products during processing and the role of packaging materials.

The event will also highlight the latest analytical instruments for quality control and the importance of process automation through PLC/DCS systems for precise control.

FOIC 2025 will be an invaluable event, providing a platform for global industry leaders to discuss and interact through presentations and deliberations.

More info: <https://foic.org.in/invitation.php#>

### **NIOP Annual Convention**

**16-18 March 2025 | Omni Rancho, Las Palmas Resort & Spa, California, USA**

The NIOP Annual Convention is the hub for industry-wide networking, offering a unique platform to connect with fellow professionals, exchange insights, and build valuable relationships. Attendees can look forward to engaging discussions with industry thought leaders, gaining invaluable perspectives on the latest trends and innovations. Beyond the enriching experience of knowledge sharing, the Annual Convention also offers a vibrant social atmosphere, providing opportunities to unwind, relax, and simply enjoy the camaraderie of like-minded individuals.

The 2025 NIOP Annual Convention promises to be an exceptional event, setting the standard for industry-wide networking, featuring enlightening discussions with leading industry figures, and providing a captivating environment for socializing and relaxation. With the picturesque backdrop of the Omni Rancho Las Palmas Resort and Spa in the heart of Palm Springs, California, attendees will not only bask in the wealth of professional opportunities but also immerse themselves in the breathtaking beauty of the California landscape. It's a combination of business and leisure that ensures an unforgettable experience for all who attend.

See the event page: <https://niop.org/annual-convention-2024-live/>

### **2025 International Biomass Conference & Expo**

**18-20 March 2025 | Cobb Galleria Centre, Atlanta, Georgia, USA**

The 18th annual International Biomass Conference & Expo will take place March 18-20, 2025, at the Cobb Galleria Centre in Atlanta, GA. This dynamic event unites industry professionals from all sectors of the world's interconnected biomass utilization industries—biobased power, thermal energy, fuels and chemicals.

Organized by BBI International and produced by

Biomass Magazine, this event brings current and future producers of bioenergy and biobased products together with waste generators, energy crop growers, municipal leaders, utility executives, technology providers, equipment manufacturers, project developers, investors and policy makers. It's a true one-stop shop – the world's premier educational and networking junction for all biomass industries.

International Biomass Conference & Expo is where future and existing producers of biobased power, fuels and thermal energy products go to network with waste generators and other industry suppliers and technology providers. It's where project developers converse with utility executives; where researchers and technology developers rub elbows with venture capitalists; and where Fortune 500 executives and influential policy makers sit side-by-side with American farmers and foresters. International Biomass Conference & Expo is the largest, fastest-growing event of its kind. In 2024, this event is expected to draw nearly 900 attendees. In 2024, the event drew more than 900+ attendees. This growth is fueled by a world-class Expo and an acclaimed program.

Once again, the 2025 International Biomass Conference & Expo program will include 30-plus panels and more than 100 speakers, including 90 technical presentations on topics ranging from anaerobic digestion and gasification to pyrolysis and combined heat and power, all within the structured framework of four customized tracks:

Track 1: Pellets & Densified Biomass  
Track 2: Biomass Power & Thermal  
Track 3: Biogas & Renewable Natural Gas (RNG)  
Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)

Inflation Reduction Act

International Biomass Conference & Expo will help biomass industry stakeholders identify and evaluate technical and economic solutions that fit their operation. It's time to tap into the revenue generating potential of sustainable biomass resources.

*Program:*

- Tuesday, March 18
- 1:00 - 2:30 PM: Concurrent Tracks
- Track 1: Pellets & Densified Biomass
- Track 2: Biomass Power & Thermal
- Track 3: Biogas & Renewable Natural Gas (RNG)
- Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
- 2:30 - 2:45 PM: Refreshment Break
- 2:45 - 4:15 PM: Concurrent Tracks
- Track 1: Pellets & Densified Biomass
- Track 2: Biomass Power & Thermal
- Track 3: Biogas & Renewable Natural Gas (RNG)
- Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
- 4:15 - 4:30 PM: Networking Break
- 4:30 - 6:00 PM: Grand Opening & Welcome Re-

ception

- Wednesday, March 19
- 8:00 - 9:00 AM: Breakfast
- 9:00 - 11:00 AM: General Session
  - Welcome & Awards
  - Keynote Speaker
  - Roundtable Discussion: Biomass Industry Associations
- 11:00 - 6:00 PM: Expo Open
- 11:00 - 1:00 PM: Dedicated Expo Time
- 11:30 - 1:00 PM: Lunch in the Expo
- 1:00 - 2:30 PM: Concurrent Tracks
- Track 1: Pellets & Densified Biomass
- Track 2: Biomass Power & Thermal
- Track 3: Biogas & Renewable Natural Gas (RNG)
- Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
- 2:30 - 3:00 PM: Refreshment Break in the Expo
- 3:00 - 4:30 PM: Concurrent Tracks
- Track 1: Pellets & Densified Biomass
- Track 2: Biomass Power & Thermal
- Track 3: Biogas & Renewable Natural Gas (RNG)
- Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
- 4:30 - 6:00 PM: Networking Reception in the Expo

- Thursday, March 20
  - 7:30 - 8:30 AM: Breakfast
  - 7:30 - 1:30 PM: Expo Open
  - 8:30 - 10:00 AM: Concurrent Tracks
  - Track 1: Pellets & Densified Biomass
  - Track 2: Biomass Power & Thermal
  - Track 3: Biogas & Renewable Natural Gas (RNG)
  - Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
  - 10:00 - 10:30 AM: Refreshment Break in the Expo
  - 10:30 AM – Noon: Concurrent Tracks
  - Track 1: Pellets & Densified Biomass
  - Track 2: Biomass Power & Thermal
  - Track 3: Biogas & Renewable Natural Gas (RNG)
  - Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
  - Noon - 1:00 PM: Lunch in the Expo
  - 1:00 - 2:30 PM: Concurrent Tracks
  - Track 1: Pellets & Densified Biomass
  - Track 2: Biomass Power & Thermal
  - Track 3: Biogas & Renewable Natural Gas (RNG)
  - Track 4: Advanced Biofuels & Sustainable Aviation Fuel (SAF)
  - 2:30 PM: Sessions Conclude
- See the event page:  
<https://ibce.bbiconferences.com/ema/DisplayPage.aspx?pagelId=Home>

### **AOCS Annual Meeting & Expo**

**27-30 April 2025 | Portland, Oregon, USA**

OCS is a community of scientists, technicians, nutritionists, researchers and other industry professionals advancing the science and technology of edible oils, fats, proteins, surfactants and related materials. AOCS is a leading international society

with more than 2,000 members around the world. The AOCS Annual Meeting & Expo is a premier international science and business forum on fats, oils, surfactants, proteins and related materials. The extensive technical program in 10 interest areas features more than 600 oral and poster presentations, plus additional break out sessions around important trending topics:

- Analytical
- Biotechnology

- Edible Applications
- Health and Nutrition
- Industrial Oil Products
- Lipids and Oxidation
- Processing
- Protein and Co-Products
- Surfactants and Detergents

Call for paper is open!

More info: <https://annualmeeting.aocs.org/program>